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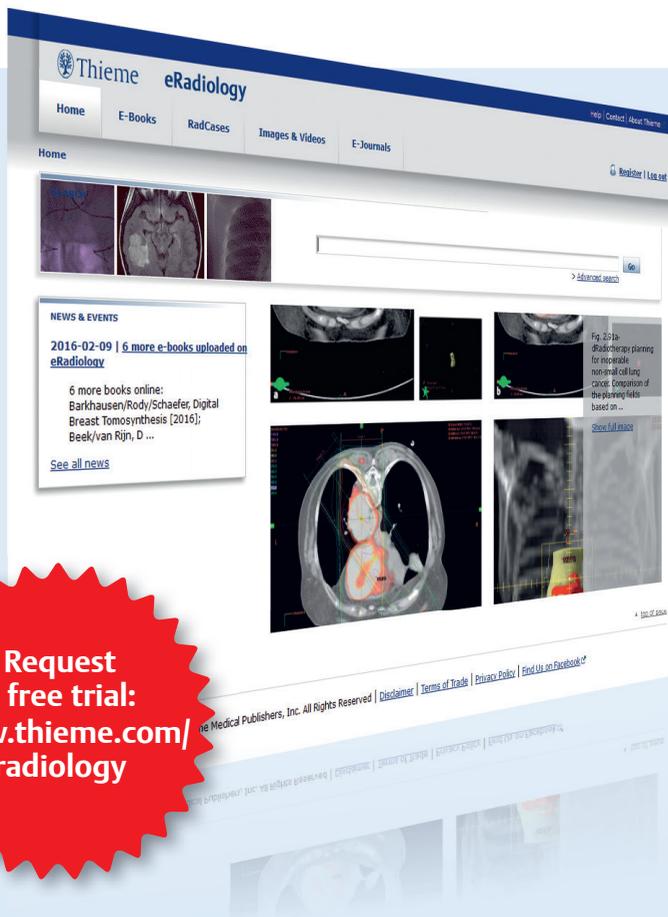
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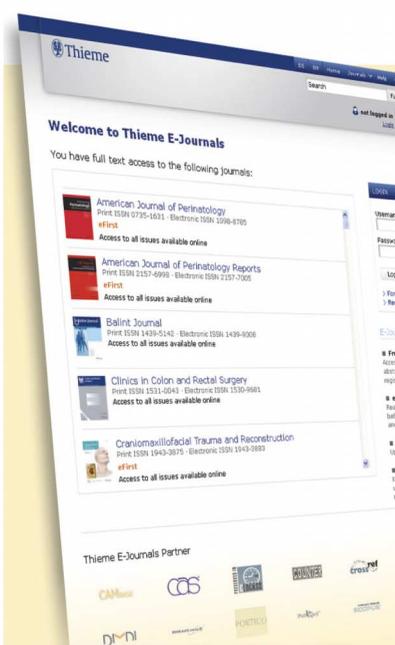
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Memories from the Seville Conference

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The September issue of the *Journal of EAHIL* (issue n 3) has always focused on the EAHIL summer conferences or workshops. It is a tradition we are excited to preserve for a variety of different reasons. I personally find it extremely interesting to search for the past journals online, to go back in time and explore memories from past conferences through the many photographs and written recollections. The September issue includes articles from the various presentation awards; the award winners are asked to convert their most acclaimed presentations in the form of proper journal articles, so as to preserve their research results in the future. The categories are four in total: best oral presentation, best oral presentation by a first-timer, best poster and best poster by a first-timer. EAHIL conferences and workshops happen every other year. Issues related to workshops with no awards winners are somewhat different, publishing reports from workshop sessions.

Therefore, as expected, in the following pages you will find memories from the recent Seville Conference “Knowledge, Research, Innovation... eHealth!”, 6-11 June 2016.

Let's all have a glance at it together.

The issue opens with a paper by Veronica Juan-Quilis *et al.* based on the opening keynote speech by Professor Bernat Soria on the strategic value of knowledge in healthcare systems. How should one measure value? What is the value of knowledge? And what is its impact?

As Marshall Dozier comments in her Letter from the President (also found in this issue), “impact and value are almost inseparable topics” and Soria's final statement – that there is no future without librarians – was warmly appreciated.

The four awarded papers are:

1. Catherine Williams presents three case studies of an effective analysis and application of modern research metrics, which is to say: (Alt)Metrics in practice (best oral presentation);
2. Giuse Ardita and co-authors present a way to solve authors ambiguity problems in information retrieval and therefore enhance citation rates and research impact (best poster);
3. Deirdre Andre and co-authors are giving us a practical example on how health librarians should take new directions in such a changing research landscape, based on the experience of the University of Leeds (best oral presentation by a first-timer);
4. Shelley de Kock *et al.* are sharing their experience in building a database of critically appraised systematic reviews (best poster by a first-timer).

Lots of ideas and inspirations to put in practice!

Someone said that “Memories are the key not to the past, but to the future” and I believe it to be true.

The central pages are a colourful sequence of memories from Seville. Be careful not to miss them, for you might find yourself portrayed in one of the photographs! All social events and library visits are reported by

different delegates. As none of us (unfortunately) have been bestowed with the gift of ubiquity, we had to choose among different contemporary visits. Here is our chance to see what we missed.

In the News from EAHIL pages, I invite you to read the Letter from Sally Wood-Lamont, former *JEAHIL* Editor-in-Chief, who has been given a special EAHIL award in Seville for her incredible work in the past years. Sally, we all miss you and wish you all the best for your important work with the Paralympics.

Two new regular columns are enriching the *Journal of EAHIL*: “News from the Association for Health Information and Library in Africa (AHILA)” by Hussein Haruna and “News from Health Libraries Australia (HLA/ALIA)” by Ann Ritchie. It is a fantastic opportunity to promote collaboration and effective communication between members, and to share initiatives and projects.

I could not finish this page without including a heartfelt thank you for the Editorial Board. Oliver Obst announced, during the Seville board meeting, that he will be leaving his position in the journal. I would like to truly thank him for his contribution, for his unwavering support and guidance during these years. His always thought-provoking column on “Emerging challenges” has been a joy to read. Thank you Oliver! Let’s keep in touch.

My gratitude goes to all of the members of the Editorial Board who helped me collect the many contributions and notes published in this issue, in particular, Fiona Brown, Katri Larmo and Gerhard Bissels. I have been representative of *JEAHIL in the Health Information and Library Journal (HILJ)* board for nearly a decade. Although deciding to step down may be bittersweet, I am delighted that Michelle Wake will be the one to continue this journey, and I am sure she will strengthen the collaboration and promote EAHIL in the best possible way.

Please find the themes of the future issues below.

***JEAHIL* next issues:**

2016	Theme	Deadline
Issue 4	Education and training for medical librarians	5 November
2017		
1	No-theme	5 February
2	Open science 2: Research data	5 May
3	Memories from Dublin ICML + EAHIL Workshop	5 August

We are all looking forward to exploring the December issue, edited by Gerhard Bissels, on “Education and training for medical librarians”, in the meantime let’s all enjoy this beautiful autumn reading.

Federica

On the value of knowledge

Veronica Juan-Quilis (a), Laura Muñoz-Gonzalez (a) and Bernat Soria (b, c)

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Abstract

This article is based on the Plenary Lecture given by Prof Bernat Soria during the 15th EAHIL Conference "Knowledge, Research, Innovation... eHealth!" which took place in Seville, Spain, on 6-11 June 2016. The paper examines the strategic value of knowledge in a healthcare system and the importance of health librarians.

Key words: librarians; healthcare systems; knowledge.

Value differs from cost

Knowledge and value are terms widely used in different contexts but quite difficult to define precisely and even more to evaluate. According to the Cambridge Dictionary (www.dictionary.cambridge.org) "knowledge" means the "understanding of or information about a subject that you get by experience or study, either known by one person or by people generally", whilst value may be defined as "the amount of money that can be received for something". This definition will consider value as similar to cost and obviously providing a figure in euros, dollars or pounds may be instrumental but does not summarize the impact of knowledge in broad terms. For example, what is the value of the Amazonian rain forest? The money we can get for the wood? Or the value of the land if we sell it? Or the value of the oxygen generated by the plants and shared with the rest of the planet? Or the global losses if the rainforest disappears? Other approaches have considered the value of ecotourism in the rainforest (1) or the contribution to new medicinal products (2). Back to the Cambridge Dictionary we find other definitions such as: "the importance or worth of something for someone", "how useful or important something is", "the beliefs people have, especially about what is right and wrong and what is most important in life" or "to consider something important" are closer to the message of this article but difficult to quantify. And without quantification and numbers we cannot reach scientific conclusions.

Health librarians at the core for the value of knowledge

In a healthcare system, knowledge is generated by scientists, doctors, nurses, managers etc. Part of the knowledge stays within the group but most of the times knowledge becomes available to everyone through guidelines, books and scientific articles. This knowledge is transferred to the healthcare system and increases health, a "value" that may be measured by health indicators such as those described in *Table 1* (3-5). As seen in *Table 1* health indicators ameliorate between 1985 and 2005 both in USA and Spain. Paradoxically, health indicators evolution was much better in Spain. But we cannot conclude that medical science generation and quality of doctors, libraries, hospitals is better in

	USA		SPAIN	
	1986	2005	1986	2005
Life expectancy				
	Females	78.2 80.4	79.9 83.7	
	Males	71.2 75.2	73.4 77.0	
Infant mortality	10.4	6.9	9.2	3.8
Deaths/1.000 live births				
Potential years of life lost	6471	4965	4968	3201
All causes <year/100,000				
Causes of mortality	261.1	144.6	104.9	77.9
(ischemic heart diseases				
males deaths/100,000)				

Table 1. Evolution of healthcare indicators in the period 1986-2005 (Source Refs 3-5).

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Spain as compared to USA. What makes the Spanish healthcare system one of the best in the world? (3-5). The main difference between North American and Spanish healthcare is the existence of a national healthcare system in Spain, whilst in the USA healthcare is provided to citizens insured by private companies. In the USA a large section of the population is not covered by the healthcare system meaning that, for instance, vaccination for important diseases is not mandatory, and this can impact on public health. Then the existence of a healthcare system that provides healthcare to the totality of the population and coordinated public health increases the impact of health on the country wealth. In contrast, the lack of healthcare coverage will not disrupt the vicious circle “disease-poorness-disease”.

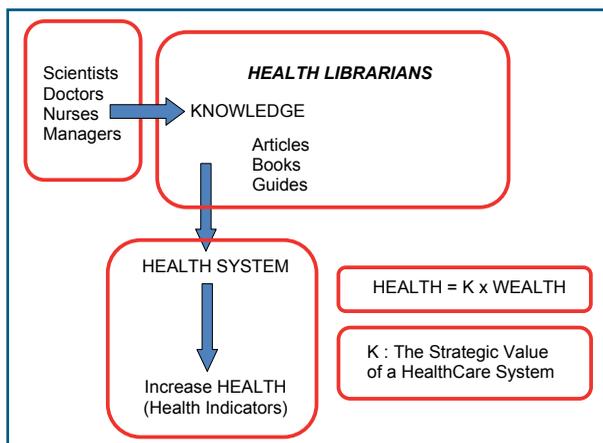


Figure 1. Health librarians at the core of the value of knowledge.

We suggest that health and wealth correlate by a coefficient “k” which we call the Strategic Value of the Healthcare System (Figure 1). To be more precise, the increase in health indicators better correlates with wealth:

$$\text{Increase in health} = k \times \text{wealth}$$

“k” = 0 means that both are independent, positive values of “k” mean that health increases result in an increase of wealth and viceversa, whilst a negative value (correlation) will result in a decrease in wealth when health increases. The former contradicts all

the epidemiological observations, then “k” may oscillate between 0 and positive values. In countries which have a poor healthcare system (for example, with very good hospitals but restricted to a limited percentage of the population and no Public Health strategies) health benefits will no generate an increase in wealth whilst countries with a good healthcare system and public health policies may have a clear increase although neither the professionals nor the hospitals are as good.

Strategic value of a healthcare system (“k”)

A national healthcare system not only provides assistance to treat acute and chronic diseases, but also develops public health strategies which have to be implemented at the population level (vaccination, disease control, emergent and new infectious diseases, etc). Even more, “k” determines or contributes to the following:

1. it warrants the state of health of the country’s workforce, attracting investors that do not have to incorporate medical benefits for the workers into their business plans;
2. since healthcare is covered, citizens may take on other economical risks, such as buying houses, vacations, etc.;
3. it provides direct high-quality employment that cannot be delocalised. It is estimated that approximately 5-6% of the working force is in the healthcare services, a figure that will increase in the future;
4. it can encourage traditional business diversification: for example, biotechnology, pharmacy industry, services or tourism.

This means that a healthcare system is a direct source of wealth generation with a return on investment factor (Drag Factor) which may be estimated as 40% of the investment. For example, a country that invests 60,000 million € per year (like Spain in 2008) in the healthcare system will generate a return of 24,000 million € per year. However, this figure does not give the actual value of the Spanish healthcare system, which is obviously much bigger.

Estimations of the value of knowledge in a healthcare system is quite complex, however the

system will not work without health librarians, who are at the core of the healthcare systems.

*Submitted on invitation.
Accepted on 25 August 2016.*

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(Alt)Metrics in practice: effective analysis and application of modern research metrics

Catherine Williams

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Abstract

New measures of the dissemination and online engagement relating to individual research outputs provide a number of opportunities for all stakeholders involved in the publication and evaluation of scholarly work. This paper explores the need for, development and responsible application of these measures. Included are 3 case studies that examine a variety of ways these data can be utilised by different user types, and the benefits of doing so.

Key words: bibliometrics; evaluation; information dissemination.

Introduction

The role of metrics in the research cycle has long been debated, with some asserting that their invention has done more harm than good, and that they produce a limited view of the full picture of scholarly practice and dissemination. In truth, despite their well-publicised flaws, these metrics are still prevalent amongst stakeholders engaged with the authorship, publication and evaluation of research. In this paper we address the shortcomings and opportunities of such metrics, discuss how new insights gathered from online interactions can help tell a more complete story, and aim to advocate for their responsible usage.

The need for new metrics

In the last 20 years the Journal Impact Factor and associated citation counts have risen to prominence as the de-facto proxy for research “impact” and “quality” (1). Researchers and those involved in research evaluation have begun to rely on them to determine where to publish, who to work with, and which projects or authors can be qualified as “successful”.

More recently, however, the limitations and inherent dangers of this approach are being increasingly recognised and exposed (2). Although citations are effective for reflecting the influence of an article published in a journal amongst the academic

community, alone they do little to demonstrate broader dissemination of and reception to research. This limitation is further exaggerated when we consider the diverse forms of scholarly outputs that are now made available daily; datasets, images, media files and more.

Understanding the public engagement that supported research is generating an increasingly key priority for funders and institutions. Many have objectives to increase public awareness or understanding, and to ensure that the work they support has tangible societal or economic impacts. New approaches, then, are needed. Not to determine the quality of the work or the researcher (which can only be determined through extensive qualitative investigation), but to offer a more transparent record of what occurs after publication, no matter what the format or discipline.

Alternative metrics, or altmetrics, might offer part of that solution. Altmetrics provide a record of where an individual output (be it an article, book, dataset, video, or something else) is shared, referenced or discussed on the web (3). A number of for and non-profit companies now track and provide this data via various tools and services, including Altmetric.com (a Digital Science portfolio company), ImpactStory (a non-profit supported by the Sloane Foundation) and Plum Analytics (owned by EBSCO). Other organisations including PLOS

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and Crossref have also begun to develop their own altmetrics services.

The data provided by each service vary; in some cases, only the counts of mentions and shares are shown, providing measure the volume of attention a research output has received. In others, the underlying comments and actual text of what was said about the research are made available so that users can explore exactly who was saying what, and why.

One of the main benefits of altmetrics is the immediacy of the data – the shares and online commentary relating to the research are tracked in real-time (4). In comparison with traditional academic citations, which often take months to accrue, altmetrics enable users to monitor how a piece of research is received from the moment it's published.

Another key aspect of altmetrics is their capability to capture engagement from a much broader range of audiences. New “sources” of attention begin to be tracked by the companies that provide altmetrics data on a regular basis. Sources that are currently monitored for mentions of research include the mainstream and social media, public policy documents, Wikipedia, and downloads from places like Github and other content platforms (5).

Collating the attention relating to research from all of these sources means that altmetrics can help users to identify where a piece of research is being discussed by the general public, patient and advocacy groups, experts and policy makers, and many more. Increasingly, therefore, altmetrics are being incorporated alongside citations to provide enable users to compare and contrast the broader and academic engagement relating to the output. One example of this can be found on Nature journal article metric pages, where the publisher display Altmetric.com data alongside scholarly citations sourced from Web of Science, CrossRef and Scopus (Figure 1).

What these data tell us

Like any metric, it's crucial to look at the underlying qualitative data to gather context as to what the numbers actually mean. Over 100 tweets and mentions on 20 Wikipedia pages might look like a successful outcome, but it may later become apparent that such a high volume of attention was

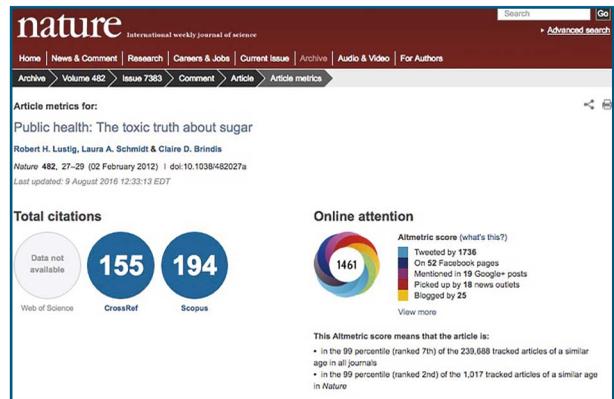


Figure 1. Article metrics page from nature.com.

instigated by a funny message in the footnotes, an amusing title, or even an inadvertent author error. In order to understand exactly what the data are showing, the user must interrogate it further. That's not to say that the numbers alone are not relevant, instead they provide an indicator of where there is activity that is worth investigating further. To apply them effectively a combination of the two is required – for example in a job application or CV a researcher might include a section that reads: “This dataset was referenced in a public policy document released by the Food and Agriculture Organization of the United Nations. It was used as evidence to inform the Programme Against African Trypanosomosis (PAAT)” (Figure 2).

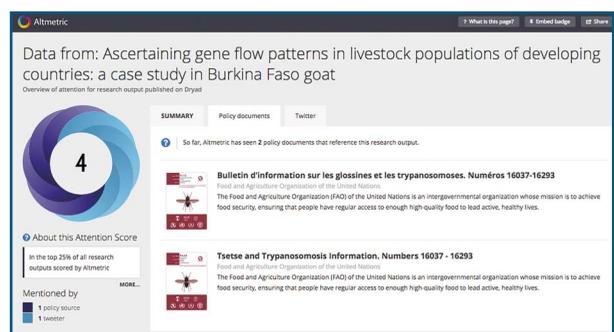


Figure 2. Altmetric details page, captured August 9 2016.

Further follow up and case study interviews could also be conducted to determine the extent of any resulting societal and economic impacts of the research.

Award for the Best Oral Presentation

Applications

The potential application for research metrics of all types extends far beyond the scholar. In this section we detail 3 case studies; a researcher, an institution, and corporate pharmaceutical organisations, to demonstrate how these data can be utilised responsibly and effectively.

Case study: building altmetrics into researcher workflows

In this case study we feature Professor Terrie Moffitt. Terrie is Nannerl O. Keohane University Professor in Psychology and Neuroscience at Duke University, and also a visiting Professor at King's College London.

Terrie first became aware of altmetrics when one of her students introduced her to the Altmetric bookmarklet, a browser plugin that can be used to find the Altmetric data for any published paper that has a DOI. Through her use of the Bookmarklet, and subsequently Altmetric's Explorer for Institutions platform, Terrie uncovered many interesting facts about the attention her work had received online that she was previously unaware of. In particular, this included where it had received international media coverage. The inclusion of this information in her application for an NIH grant helped Terrie demonstrate the reach and engagement her work had achieved, and she was later awarded the grant (Figure 3).



Figure 3. Overview of news attention for Professor Moffitt's research publications, captured August 9 2016.

Terrie has continued to keep track of the altmetrics for her own work as well as other publications in her field. She now uses the data to help build reading lists of interesting articles for her students, as well

as the further engage with the audiences who are discussing her work online.

Case study: making use of new metrics at an institutional level

The University of South Australia (UniSA) was an early adopter of altmetrics, and now use them within many aspects of the work they do to further their reputation as a leading research institution.

Faculty and line management meet on a regular basis to review current progress and discuss previously published work. During these conversations they often analyse data pulled from an internal reporting system, built by the institution, which gives an overview of the citations each publication has received.

They've now taken the step of also integrating altmetrics into these reports, and find it useful for enhancing their understanding of how a publication is being disseminated and received immediately after publication. This early data provides valuable insights and feedback well before any academic citations have been made (Figure 4).

Common variants associated with plasma triglycerides and risk for coronary artery disease Nature Genetics	Hypponen, Elina Tuulikki	1	44	45	29,643	122
New loci associated with birth weight identify genetic links between intrauterine growth and adult height and metabolism Nature Genetics	Hypponen, Elina Tuulikki	1	27	29	29,643	14
Causal Relationship between Obesity and Vitamin D Status: Bi-Directional Mendelian Randomization Analysis of Multiple Cohorts PLOS Medicine	Hypponen, Elina Tuulikki	1	61	75	14,000	129
Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture Nature Genetics	Hypponen, Elina Tuulikki	1	52		29,643	33
Associations of maternal 25-hydroxyvitamin D in pregnancy with offspring cardiovascular risk factors in childhood and adolescence: Findings from the avon longitudinal study of parents and children Heart	Hypponen, Elina Tuulikki	1	3	4	6,023	2

Figure 4. Sample of UniSA report, shared by Michael Crisp at the Altmetric user day, April 2016.

Doing so not only gives them insights into how they can distribute their work more effectively in future, but also helps them capture a more complete record of the achievements of an individual researcher. UniSA are also keen to raise the profile of their early-career researchers, and have used altmetrics to help identify rising stars to feature in a series of 'Talking papers' videos.

Case study: opportunities for pharmaceutical companies

The scope of potential applications of altmetrics for pharmaceutical companies is extensive. Already some are beginning to use these data to conduct in-depth analysis on their publishing activities, including looking closely which research receives the most attention amongst online communities. Through an interrogation of the available altmetrics they are able to determine which types of publication receive the most attention, which therapeutic areas result in the most coverage, and when that activity typically occurs.

Beyond evaluating the reach of their previously published work, pharmaceutical publication planners can use this data to help build future communications strategy and to ensure they are getting maximum return on investment for their publications.

A benefit that many have identified is how transparent altmetrics make the online commentary surrounding their research and clinical trials. The timely nature of the data means that they are able to react quickly to any scenarios that may later have implications for the reputation of their organisation. Horizon scanning, identifying new potential academic collaborators and gathering competitive intelligence remain central to the activity of the world's leading pharmaceutical organisations, and altmetrics can be applied to these areas too. The available data can help to determine what's trending and who the emerging key opinion leaders in any given field are – all information which can be fed into evidence-based strategies for future business development.

Conclusions

As complementary to traditional citation-based bibliometrics, altmetrics offer a unique opportunity for institutions and others involved in the

publication of academic research to benefit from a better understanding of where, why and how it is being shared and discussed. The optimal application of these data will vary by user type, workflows and objectives, and providing additional context to the numbers is of great importance.

Librarians play a crucial part in ensuring that metrics of all types are used responsibly, and are already beginning to play a bigger role in this domain. The work that has begun must be continued and further developed as the available data evolves.

Submitted on invitation.

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Tag your research and enhance your citation rate: last call for author ambiguity problems

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Abstract

This paper is based on a poster presented at the 15th EAHIL Conference held in Seville (SP), 6-11 June 2016. It describes the development of a pilot project started by the Library and the Publishing Unit of Istituto Superiore di Sanità – ISS (the Italian National Institute of Health), in 2014. The central idea was to obtain, by means of a centrally administered system, the unambiguous identification of all ISS affiliated authors. The aim was to assess also the performance of ISS in terms of research impact and author productivity by using ResearcherID software, freely available on Thomson Reuters Web of Science (WoS) platform.

Key words: biomedical research; publications; information storage and retrieval; researcherID; author name disambiguation.

Introduction

Information retrieval is triggered basically by two main needs: a) bibliographic search performed in order to study scientific literature on a particular topic or to follow the evolution of an idea over time; b) intent of assessment, in order to evaluate a journal, an author, an institution or a topic, including its social impact. In particular, due to the application of quantitative measurement tools for favouring tenure enhancement and funds allocation, no one within the international scholarly community seems to be immune and untroubled by all drawbacks stemming from quantitative research evaluation.

In any case, persistent and certain author-publication linkage has always been a weak aspect of the information retrieval process, because of several critical issues both on authors and institutions side such as homonymy, use of pseudonyms, name variants, affiliation linkage etc. This information retrieval bias represents a crucial aspect of citation analysis procedures, especially when H-index and other author-related bibliometric tools are calculated for each institution scientific production, both for researchers career and funds allocation.

Recognition and identification of authors' name in publications are crucial for effective retrieving of scholarly literature mainly for the following reasons: to certainly define the responsibility giving credit for intellectual work (authorship) and to avoid ambiguity when performing searches in bibliometric databases for author's name.

Approach and methodology

Several solutions have been explored and applied at international level to unambiguously identify papers, authors and institutions (1-8).

As far as permanent links to scientific literature are concerned, DOI (Digital Object Identifier) has been since long time recognised as an international standard for identification of online publications and it is largely adopted by publishers mainly for their portfolio of journals. As well known, DOI is also being used to uniquely identify other kind of scientific outputs as conference papers, book chapters and other digital contents.

With reference to author's name disambiguation, many algorithms have been steadily set up to allow certain identification of scholars. Some of them are linked to specific platforms or databases such as arXiv Author ID, Scopus Author Identifier,

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ResearcherID, Pubmed Author ID, while others are ISO or “de facto” standards, i.e. ISNI (International Standard Name Identifier, ISO 27729) and ORCID (Open Researcher & Contributor ID).

It is worth noting that beyond homonymy, name changes or misspelling errors, author's name disambiguation problem is ever more complicated by certain linkage with affiliated institutions' name. As a matter of fact, incorrect name variants or misspelling errors may be frequently detected on published works also as regard institutions' names. The issue of correctly identify the correlation author-publication has gained increasing interest among stakeholders of scientific information affiliated with institutions worldwide. At the Istituto Superiore di Sanità, in 2014, a project for the identification of affiliated ISS authors was launched as a collaborative initiative of ISS Library and Publishing Activities Unit. ResearcherID software, was evaluated as the appropriate tool to be used. An analogous pioneering initiative was recently developed at the University of Lodz (9), although with a slightly different approach in the applied methodology.

The first step of our project on author identification was to obtain a list of ISS affiliated authors. This work was performed by identifying authors' names in the author authority file of the internal database of ISS publications. The retrieved names were then checked in PubMed and Web of Science (WoS) to verify their authorship on published works from 2008 on. A bulk of almost 1400 names was finally obtained.

As a second step, a librarian was appointed as Administrator for the ISS ResearcherID profiles and an Administrator account was created to make possible the generation of ResarcherID profiles for all affiliated ISS authors.

The Administrator was firstly committed to check all the variants of the Istituto Superiore di Sanità names available in the Organisation-Enhanced Search field of WoS Core Collection (CC) platform, in order to maintain the wrong variants (i.e. HIGHER INST HLTH ISS) or the spelling errors (i.e. TALIAN NATL INST HLTH) contained in published papers by ISS authors. Variants of names not matching with ISS papers were asked for deletion.

The action requested by the system for processing authors' profiles was the upload of a file filled with mandatory data requested for each ResearcherID. As a further step, each author was going to receive from the system an automatically generated e-mail message providing a link for the activation her/his ResearcherID profile.

It is to be stressed that the outcome of the whole initiative was strictly dependent on practical authors' collaboration in order to activate their ResearcherID, to link permanently their publications to personal profile and to allow the updating of citations received at article level. This massive workflow was made smoother by splitting the main author file in smaller files, according to each ISS internal unit. Moreover, a vast involving campaign to make authors fully aware of the ongoing initiative was carried on. In particular, seminars and training sessions were organised on a regular basis, addressed to small groups of researchers. They represented an opportunity to inform them about the benefits of constantly updating the list of publications linked their ResearcherID profiles, as well as to train them on managing the functionalities of the system. As a further result, researchers became rapidly autonomous and able to check real-time personal metrics, as well as to better exploit all the other tools available on ResearcherID.com, in connection with Web of Science.

Results and conclusions

By the end of June 2016, the authors who have been provided with a ResearcherID profile and have benefited from targeted training activities held by the ISS Library staff accounted for about 35% out of total. The opportunity given to internal researchers to rely on the permanent support of dedicated library professionals for building up and maintaining their ResearcherID profile has revealed to be useful beyond initial expectations, both on researchers and institution side. One important aspect has been the pivotal activity of transmitting errors detected in WoS records to the Thomson Reuters technical team for due correction.

The generated ResearcherID for affiliated authors has demonstrated to be also very useful to the ISS decision makers for the assessment of individual and

units' productivity and metrics. Close collaboration between information specialists and researchers proved to be successful also in the occasion of the latest Italian Ministry of Health call for proposals in applied research (Bando per la ricerca finalizzata del Ministero della Salute), requiring application forms which must include author identifiers as well as DOI for published papers.

Once again, libraries act as carriers of information and knowledge within their own institutions and are constantly reshaping their professional skills "to support research all along the research cycle" (10).



Figure 1. *The authors and their poster at the Poster session in Seville, Spain.*

Acknowledgements

The authors of this paper were awarded the best poster prize overall. They would like to thank the Conference organisers for giving them the opportunity to shed light on a crucial issue in scientific information management.

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New directions: health librarians in the changing research landscape

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Abstract

This paper discusses the drivers behind the creation of the University of Leeds Library's new "Scholarly Communications and Researcher Skills Team" (SCoReS Team). It outlines the impact it has on health researchers. It also describes how former subject librarians for health (who are now based in the new team), have developed and diversified their skills to meet the broader research support needs of the research community.

Key words: libraries; medical; librarians; professional role; research personnel; research universities.

Introduction

This paper discusses the drivers behind the creation of the University of Leeds Library's new "Scholarly Communications and Researcher Skills Team" (SCoReS Team). It outlines the impact this has had on health researchers. It describes how the former subject librarians for health (who are now based in the new team), have developed and diversified their skills to meet the broader research support needs of the research community. The paper concludes with an overview of the benefits the new structure and explores plans for developing the service further.

Background

In 2014, the University of Leeds Library moved away from subject specific teams to teams organised around function. This facilitated the creation of a "Scholarly Communications and Researcher Skills Team" focused on supporting researchers from across the University. The new team provides support to researchers on Open Access publishing, Research Excellence Framework Open Access requirements, the University publications database, EndNote, literature searching, bibliometrics and digital publishing.

Drivers for changes - external researcher landscape changing

Drivers for creating the team included growing recognition of the value of research libraries in attracting and retaining academic staff and research

funding. In 2011 a report by RIN/RLUK (1) identified the key characteristics of library provision required to support research in successful UK universities. They included exploiting new technologies and new models of scholarly communications, and connecting with researchers to enhance the value of the library's services. Excellent research libraries were also found to be outward facing and contributing to institution-wide initiatives.

Another driver was the increased emphasis being placed on the role of academic libraries in developing researchers' skills. A Researcher Development Framework (2) was published in 2010, following consultation with the Higher Education sector in the UK. This gave academic institutions a practical tool to use in planning, promoting and supporting the personal, professional and career development of researchers. It outlined the knowledge, behaviours and attitudes researchers needed to succeed in an increasingly competitive academic world. Around this time there was also growing interest from funders and institutions in using metrics to show impact of research outputs. Researchers needed support in understanding and accessing bibliometric information and were increasingly looking to the library to provide this support.

Perhaps the most significant driver for change was policy development by the UK government around Open Access publishing. In 2012 the UK

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Government accepted the recommendations of The Finch Report (3) that Open Access was the best way to expand access to published research findings. The Finch Report favoured a model of “Gold” Open Access, in which journal publishers charge article processing charges (APCs). It also recommended that institutional repositories be developed to complement formal publishing as well as providing access to research data, grey literature and for digital preservation. At the University of Leeds it was decided that the Library was best placed to develop the support infrastructure to meet these new policy requirements.

Linked to changes in government policy around Open Access were changes in the assessment criteria for the Research Excellence Framework (REF). The REF is a peer review process to assess the quality of research activity at eligible UK Higher Education Institutions. Results determine the amount of research funding individual institutions are granted. The Higher Education Funding Council England (HEFCE) mandated that to be eligible for the post-2014 Research Excellence Framework (REF) author accepted versions of journal articles and conference papers accepted from 1 April 2016 must have been deposited in an open access repository within three months of acceptance for publication.

Being a research intense university, much attention at the University of Leeds was focused on setting up systems and developing an institutional publications policy to ensure compliance with this mandate. The University saw a role for the Library in providing Open Access support to researchers. Expertise existed in the Library around copyright issues and dealing with publishers. Furthermore, the Library was part of a collaboration developed with University of Sheffield and University of York to run joint institutional repositories. These were White Rose Research Online (WRRO) and White Rose Etheses Online (WREO), an online repository of doctoral theses from the three Universities. The Library had already been involved in the purchase and management of the University publications system, (Symplectic).

What have the changes meant for health researchers?

Health researchers have benefited from the changes

to library structure. They now receive a holistic research support service from the Library. Capacity and expertise now exist within the Library to support compliance with Open Access requirements. The SCoReS Team have collaborated with IT staff to improve the functionality of the university publications system, making it easier for researchers to upload their research output in order to comply with Open Access requirements. The team deliver workshops and presentations to health researchers and support staff across faculties and hospital settings, advocating the benefits of Open Access and outlining what researchers need to do in practical terms to ensure compliance. This has been complemented by online support and guides developed by the team.

Information skills training, which health researchers previously received from their Faculty Team Librarian, is still provided. Librarians in the team who are mainly former Health Librarians retain their expertise in literature searching methods for Health. They have done this by attending training courses, keeping up to date with online literature searching forums and sharing expertise with a team of information specialists based within one of the Universities’ Health Research Institutes. Participation in a Health cross team group within the Library has also enabled them to share expertise with colleagues who support undergraduates in Health related faculties.

The team has developed a dedicated section for researchers on the Library’s website entitled “Researcher@Library” (4) (Figure 1).

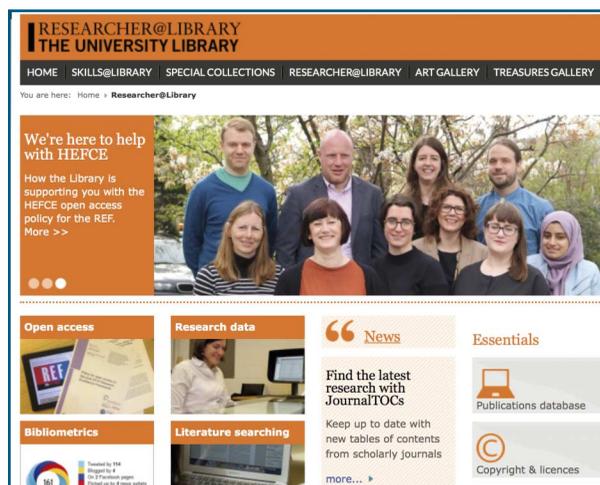


Figure 1. Screenshot of Researcher@library homepage.

This provides a central point of support for Health researchers. It hosts online resources for all aspects of Library research support including literature searching, Open Access, Research Data Management, reference management, and bibliometrics. To complement the online support provided, the SCoReS Team delivers a programme of face-to-face training for researchers.

How former health librarians developed and diversified their skills

Librarians working in the SCoReS team are mainly former Health Librarians. They had experience of providing support and training for health researchers undertaking complex literature searches. They were experienced in delivering face-to-face bibliometrics training and producing online guides. They had begun to develop a relationship with the University Research and Innovation Office by working on a bibliometric analysis project with them. This foundation provided them with a basis on which to build on as their remit widened to support researchers in all faculties across the University.

Knowledge of resources in subject areas beyond Health was acquired on the job. Support and training on subject specific information resources from previous Subject Librarians also proved useful. Cross team library groups in the areas of Business and Law, Health, referencing and EndNote software were set up to keep up to date with developments and share existing expertise in these with Learning Services, the newly created taught student library support team.

Team members also had opportunities to acquire new skills and knowledge. Supporting staff around Open Access compliance required the team to further develop their communication and interpersonal skills to deal with challenging enquiries from individual researchers and research support staff. Newly created roles have provided career development opportunities. The former medical librarian, now the Institutional Lead on the University's publications system was tasked with investigating how the Library's scholarly communications information systems worked and how they would need to change to support new University and HEFCE Open Access policy in relation to the next REF. She worked in close contact with the IT department, liaising with them

to adapt and develop existing Library systems to enable researchers to comply with the new Open Access requirements. It proved a steep learning curve. She had to develop technical understanding of how the systems worked and how they needed to develop to support the new University publications policy. She now works closely with the IT department to ensure that the systems work effectively, and uses problem-solving skills daily to deal with new technical challenges as they arise. She has enjoyed the challenge and the excellent opportunity for development that she has been afforded to acquire new knowledge and skills in a growing area.

Increased contact with researchers and research support staff

The creation of the SCoReS team has resulted in the Library becoming more outward looking. It has created closer links to the rest of the University through its support function for Open Access compliance. The team has developed a wide range of contacts with researchers and research support staff within departments and the University Research Office as well as with senior university staff including Heads of Schools. Contacts developed through Open Access work are also used to raise awareness of other aspects of the research support services including research skills training and the team's fee based literature searching service for funded projects. Members of the team supporting researcher skills have also started to develop contacts outside the Library with other units within the University providing research support including IT, Careers and the Staff Development Unit. Developing these relationships has led to a better understanding of what each support service does. As a result, training content is less likely to be unnecessarily duplicated and researchers can be cross referred to relevant training provision across the University.

Conclusion

The re-organisation of the University of Leeds Library has created the capacity to support researchers across the University in emerging areas such as Open Access publishing and compliance, bibliometrics and Research Data Management. It has also enabled the Library to develop information

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skills support for all researchers. Library support for Health related researchers has not been adversely affected. They are still receiving the specialist information skills support they require. Former Subject Librarians for health have successfully developed and diversified their skills to meet the broader research support needs of the research community.

Looking to the future, raising awareness and monitoring compliance around Open Access requirements for the next REF remains an important function of the team. Technical challenges around simplifying and automating processes for adding publications to the University's Open Access repository remain. Work will continue on reviewing and developing relevant information skills support for researchers. It will remain important for research support librarians on the team to keep their subject knowledge current and relevant through participation in health related networks.

In September 2016 the SCoReS Team will move to a dedicated floor for researchers in the newly refurbished Edward Boyle Library. This will contain over three hundred study spaces and include a mix of social, group and individual study spaces, plus seminar rooms for training and events. It is hoped that this new space will provide a physical focus point for Researchers within the Library and build on the work done by the new SCoReS Team to

provide comprehensive Library support to researchers across the University.

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Finding systematic reviews on pain: building the KSR Pain Evidence database

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Abstract

This article is based on the poster “Developing a database of critically appraised systematic reviews in the field of pain management” presented at EAHIL 2016. KSR Pain Evidence is a database of critical appraisals of systematic reviews on the topic of pain. Information specialists devised and ran the search strategies in a range of databases and then screened results to ensure they were on the topic of pain and were systematic reviews. Following this, reviewers wrote an overall risk of bias, summary and clinical bottom line statement for each systematic review. Findings show that 87% of systematic review records on pain came from MEDLINE databases, CDSR and Embase. However, unique records were also found in databases not commonly searched in the systematic review process. Completion of the critical appraisal process showed a significantly large number of systematic reviews to be of high risk of bias.

Key words: review literature as topic; databases as topic; bias (epidemiology); databases, bibliographic.

Objectives

Despite advances in the conduct, reporting and indexing of systematic reviews, time constraints and challenges remain for clinicians in understanding reported results, interpreting the essential “bottom line” and applying this to practice and patient care. In March 2015 DARE (Database of Abstracts of Reviews of Effects), a UK NIHR (National Institute for Health Research) funded database of critically appraised systematic reviews, ceased publication leaving a gap for digestible, up-to-date, quality information. In light of this, KSR Pain Evidence aims to support clinical decision-making in pain management by providing a user-friendly resource of critical appraisals; and by drawing from a wide range of databases, a single bibliographic source of systematic reviews on pain (1). In producing this database, our findings are thought to be of interest to advocates of evidence based practice, information specialists and librarians.

Methods

Information specialists devised a comprehensive search strategy to retrieve all systematic reviews on pain and pain relief therapy in Embase, MEDLINE, MEDLINE In-Process Citations, MEDLINE Daily Update, Cochrane Databases of Systematic Reviews (CDSR), PsycINFO, Allied and Complementary Medicine Database (AMED), DARE and Cumulative Index to Nursing and Allied Health Literature (CINAHL). A sensitive systematic review study design filter was applied to the strategy to maximise recall of systematic review references on pain. Searches were also limited by publication date from 2010 onwards.

Results were retrieved and de-duplicated using EndNote X6. Experienced information specialists sifted results to remove non-systematic review records, reviews of reviews, reviews of guidelines and non-pain records. Reviewers critically appraised the

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systematic reviews using an adaption of the ROBIS tool (2). For each review, an overall risk of bias, summary and clinical bottom line statement were written (Figure 1).

Results

Initial searches found 30 369 records (Table 1). Following de-duplication, 14 983 records were sifted

for inclusion. From this, 3 389 were considered to be systematic reviews on the topic of pain, and were submitted for critical appraisal to the KSR Pain Evidence database. The screening inclusion rate for the topic of pain was therefore 23%.

87% of results submitted for critical appraisal to the KSR Pain Evidence database came from MEDLINE databases, Embase and CDSR. 30%

Mind and body therapy for fibromyalgia
 Cochrane Database Syst Rev. 2015;CD001980(4)
Theadom, Alice ; Cropley, Mark ; Smith, Helen E. ; Feigin, Valery L. ; McPherson, Kathryn

Bottom Line

The available evidence indicated that psychological intervention therapies may be effective in improving physical function, pain and low mood for adults with fibromyalgia in comparison to usual care. These findings were likely to be reliable. Further research on the outcomes of therapies was needed to determine if positive effects of biofeedback, mindfulness, movement therapies and relaxation based therapies identified post intervention were sustained.

Risk of Bias Assessment

Overall summary

All domains were considered at low concern which suggested there were no limitations with the review process.

A. Did the interpretation of findings address all of the concerns identified in Domains 1 to 4?	Probably yes
B. Was the relevance of identified studies to the review's research question appropriately considered?	Yes
C. Did the reviewers avoid emphasizing results on the basis of their statistical significance?	Yes
Risk of bias in the review	Low Risk

Figure 1. Example of KSR Pain Evidence record.

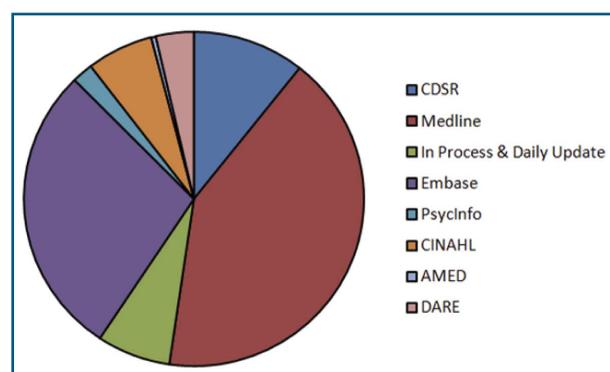


Figure 2. Percentage of included systematic reviews.

Database	Total found	Total after de-duplication	Submitted for CA
CDSR	2 084	1 474	361
Medline	8 184	5 605	1 412
In Process & Daily Update	826	750	237
Embase	11 239	4 434	960
PsycInfo	2 128	1 144	68
CINAHL	3 322	1 033	214
AMED	389	32	15
DARE	2 197	511	122
TOTAL	30 369	14 983	3 389

Table 1. Number of database records submitted for critical appraisal 2010-2015*

*Results are listed in order of download into Endnote. This means there will be proportionately fewer submitted results from DARE as this is the last set of results to be downloaded into Endnote.

came from databases other than MEDLINE and Embase.

Of the systematic reviews critically appraised by reviewers for KSR Pain Evidence, a significant 70% were considered to be of high risk of bias. 10% of Cochrane reviews assessed were also found to be of high risk of bias (Figure 3).

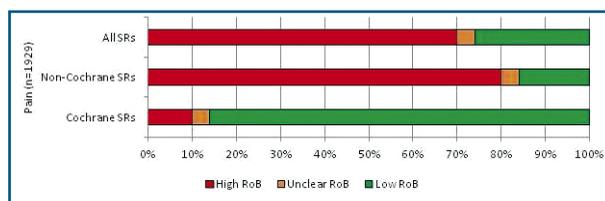


Figure 3. Risk of Bias (RoB) appraisals for systematic reviews on the topic of pain 2010-2015.

Conclusions

Comprehensive searches of multiple sources, in combination with a sensitive search strategy, are essential to ensure robust retrieval of systematic reviews on pain. Unique records were found in the less commonly searched databases for systematic reviews, AMED and PsycINFO for example. Relying only on MEDLINE and Embase could miss 30% of systematic reviews and meta-analyses on pain-related topics. As systematic reviews are widely considered to be the highest form of evidence to

support decision making, the large number deemed to be of high risk of bias or unclear, according to the ROBIS tool, is of concern for clinical decision makers.

KSR Pain Evidence is currently being extended to identify and critique all systematic reviews in all health topics. Future analysis is planned to assess whether these findings of relative yield by database, and high risk of bias, are replicated in the broader systematic review literature.

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The enthusiastic challenge of hosting an EAHIL Conference

“Mi infancia son recuerdos de un patio de Sevilla, de un huerto claro, donde madura el limonero”, this is how Antonio Machado starts his poem called *Retrato*, and we hope memories from the 15th EAHIL Conference also evoke these feelings to delegates: the scent of the Real Alcazar Gardens, the Magnificence of the Plaza de España, the beauty of the hidden corners of the town center and the sounds of culture and tradition.



Seville is a remarkable scenario for hosting any event, and the Local Organizing Committee of the 15th EAHIL Conference wished to make it unforgettable. This was our particular homage to our colleagues from Europe and our opportunity to share our happiness for the celebration of the 10th Anniversary of the Andalusian eHealth Library (BV-SSPA).

This library was set up in 2006, as a decision of the Health Ministry of Andalusia, to centralize all the library services at the Health System: contracting of electronic resources, interlibrary loan service, research output studies, institutional repository, and collective catalogue. The most important achievement was the federated access which allows all professionals to access these resources and services remotely. This was a big challenge, having into account the size of Andalusia and the number of health professionals at the public sector, as it approximately has 9 million inhabitants, and there are 100,000 workers at the Public Health System.

But among all these targets, they were also to establish a cooperation network with Spanish regions and to internationalize this library, that is, go *Beyond the Wall* to see how colleagues from all over the world were developing their own new structures and how medical librarians are coping with this IT era. Cooperation has always been a basic pillar for librarianship.



The director of the library, Veronica Juan, who is also the Chair of the Local Organizing Committee of the 15th EAHIL Conference, has belonged to the EAHIL since its creation in 1986 in Brussels. It was she who encouraged the librarians from Andalusia in their globalization process. In fact, since 2006, there has been a representative from the Andalusia eHealth Library in all of the EAHIL Conferences and two of the workshops, and it was in the 2013 workshop where the idea of hosting an EAHIL Conference began to take shape. The

Conference for 2016 would have been the perfect scenario to celebrate the 10th Anniversary of the Andalusian eHealth Library.

The Andalusian Virtual Library as a powerful Knowledge Manager of Health in Europe

Alexander Heichlinger, Senior Faculty Member & Manager EPSA 2009-2014, EIPA Barcelona



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EAHIL 15th Conference, Seville, Spain



We started in 2014 to consolidate this hosting project and must admit that, although the economic environment was not quite conducive, we had the encouragement of the EAHIL Board and specially, their President, Marshall Dozier, who always trusted our organization capacity. And of course besides that, we counted on the support of the Health Ministry of Andalusia.



Finding the proper balance between economic circumstances and the expected level of quality was not an easy task, but it was properly achieved. While the IPC was composed of librarians from different countries (only six of the sixteen members were Spanish), the participants of the Local Organizing Committee were all Spanish, most of them Andalusian, librarians of the medical centers, who made a great effort for the organization of this Conference.

As a result of their work we received 360 delegates, having into account speakers, members of committees, sponsors, exhibitors and attendees for whom 360 coffees and lunches were served every day at the exceptional Conference Venue, the Silken Al-Andalus Hotel. Representatives from all over the world were received in Seville: Australia, Belgium, Canada, Chile, Czech Republic, Denmark, Dutch Antilles, Estonia, Finland, France, Germany, Greece, Hungary, Iran, Ireland, Italy, Lithuania, Nigeria, Norway, Poland, Portugal, Republic of Moldova, Republic of Tanzania, Romania, Russia, Slovenia, South Africa, Spain, Sweden, Switzerland, The Netherlands, Turkey, United Arab Emirates, United Kingdom and USA.

EAHIL 15TH CONFERENCE, SEVILLE, SPAIN



The First Timers' Welcome reception was offered on Tuesday 7th for 145 people at La Raza restaurant in M^a Luisa park (don't miss the photography at the Plaza de España); and 315 of us attended the Welcome Reception at Real Alcazar. Many colleagues showed their gratitude for such a wonderful visit: for one night we invaded one of the Seven Kingdoms, in a clear warm night within these royal gardens.



EAHIL 15th Conference, Seville, Spain



Seven different visits were planned for Thursday morning with the participation of 180 delegates: Institución Colombina, Archivo General de Indias, Museo de Bellas Artes, Museo Arqueológico, Museo de Artes y Costumbres, Biblioteca del Parlamento de Andalucía, Archivo Histórico Provincial and Real Fabrica de Tabacos.

The accompanying persons' tour took place on Friday morning for 5 people: a tour around the city center, La Giralda, a glass of wine and a flamenco dance class. It couldn't be better!!

At last but not least, the Conference Dinner was offered at Hacienda Los Angeles, a former center of olive oil production destined for Spain's colonies in the New World. We could see the delegates' astonishment faces when the horse entered the yard; the attendants were delighted with the horse dance, the guitarist, and the flamenco show, they lived the authentic taste of Seville tradition and culture, not to mention the delicious meal served for 282 people.

All this was the result of the work we carried out during the last two years. We hope we achieved to make your stay unforgettable, but nevertheless all this organization would not make sense without the most important part of the Conference: **the scientific programme**. From these lines we are pleased to pay tribute to the extraordinary International Programme Committee who made it possible. It was our task to arrange the timetable for ten Continuing Education Courses, fifty six oral presentations and forty six posters, but their role in evaluating, upgrading and classifying them was essential. Our gratitude to Pilar Roque, Pilar Toro, Tomas Allen, Maurella della Seta, Marshall Dozier, Ana Belen Escriva, Louise Farragher, Idoia Gaminde, Alicia F. Gomez, Mar Gonzalez, Tiina Heino, Ana Kagedal, Isla Kuhn, Aoife Lawton, Silvia Lopes and Virgili Paez. Thanks for having accepted our invitation to become part of the IPC and for your excellent work.

EAHIL 15TH CONFERENCE, SEVILLE, SPAIN



Thanks to the course leaders for updating the knowledge of 125 delegates with such interesting well conducted issues: Carol Lefebvre, Wichor M. Bramer, Gardien de Jonge, Valeria Scotti, Maurizio Grilli, Elena Pastor, Mala Mann, Silvia Lopes, Alicia F. Gomez, Pilar Toro and Aoife Lawton.



And of course, we recognize that this Conference would not have been possible without the participation of Sponsors and Exhibitors. Thanks to them we could host this successful Conference, and mention should also be made of our sponsors Wolters Kluwer, Elsevier, Springer Nature, Wiley, ProQuest, Ebsco Health, McGraw Hill Education, Accucoms, BMJ Publishing Group, MedicinesComplete and the exhibitors NEJM Group, Subito,

Karger, Primal Pictures, Cabi, Sage, eLicensing, The JAMA Network, Third Iron, JoVe, Oxford University Press, Future Science Group, ACS Publications, Emerald, Citavi, AACR. Fourteen sponsor sessions and three commercial presentations from Anibis Medica, Ebsco Health and Sigesa were offered during the week.

And we are not going to forget our two lecturers: Professor Bernat Soria who demonstrated the value of knowledge, and Dr. Remedios Melero who provided us with her valuable expertise in Open Science and Open Research. We were very fortunate to have them as plenary speakers, as well as the members of the panel session: Gabriel Antoja, Aoife Lawton, Josep M. Nicolas, David Novillo and Carlos Parra-Calderon.

Finishing with another Sevillian poet, Gustavo Adolfo Becquer, who says “Volverán las oscuras golondrinas de tu balcón sus nidos a colgar...” this what we aimed, to make you wish to return as the swallows do, because this is a place where you will be always welcomed.

Thank you,

Local Organizing Committee – EAHIL 2016



Memories from the 15th EAHIL Conference 6-11 June, Seville, Spain

First Timers' Reception First impressions last forever

Our President, Board and Council members made us "First Timers" feel most welcome on arrival at the restaurant La Raza in Seville on Tuesday the 7th of June.

Casting aside thoughts of her personal safety Marshall balanced, at a precarious height, to be seen and heard above the voices of enthusiastic librarians and conference guest speakers as we enjoyed the remnants of the day's scorching sun.

Defying language barriers we all set about introducing ourselves and, with drinks and delicious tapas to savour along the way (the goat's cheese on bread discs topped with a toasted crust of fresh Seville orange marmalade was a firm favourite!), we shared information about practice and projects from across Europe and beyond.

The reception ended with a walk to the near-by Plaza de Espana for a few group photos just as the sun was finally setting. Memories include horse drawn carriages, roosting birds, a gentle spray from a resplendent fountain on such a hot day.

So many ideas to take back to the Local Organizing Committee in Wales to help us plan for the Conference we're hosting in Cardiff in 2018!



Thank you.

Ann Jones

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The Welcome Reception

For once, we medical librarians were treated like royalty, and invited to the Seville royal palace, the "Alcázar", to a welcome reception. Guides showed us round the illustrious venue and the surrounding lush gardens. Construction of the Alcázar was begun in the 12th century by Moorish kings as a fort, and was completed by Christian rulers as a palace. "Mudejar" is the architectural style that integrates Islamic and Christian elements. Later parts of the palace follow the Gothic order.

The tour ended in a part of the garden near the palace, under tall trees, where a reception with drinks and



tapas (fingerfood) had been arranged. We all enjoyed the lovingly prepared little dishes, and the garden was the perfect setting for moving between small groups of chatting colleagues, renewing old friendships and meeting new colleagues. Aren't these informal contacts at least as important as the the talks and workshops?

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Memories from the 15th EAHIL Conference 6-11 June, Seville, Spain



Real Fábrica de Tabacos de Sevilla

Upon arriving at the Royal Tobacco Factory we were struck how the magnificent edifice looked more like an aristocratic palace than an industrial building. The University of Seville moved into the premises in 1956. Our guide made it easy for us to visualize its evolution from a place of social control, where profits ruled, to an educational institution where students meander in the halls and exchange ideas.

This factory began its production in 1757. Tobacco was imported from the Americas, and processed in Seville. Dried tobacco was very inflammable, so the construction was of stone and metal. The workers were all male at the start, but as cigars became popular, women (“cigarreras”) were hired to roll them. The working conditions were tough, and very hot. The women worked almost naked. If a man was entering the female side of the floor, the bell was rung to warn the women to put their clothes on. The women brought their children to work. The cigarreras at the Royal Tobacco Factory were the inspiration for Bizet’s opera, *Carmen* (1875).

The stealing of tobacco was a common crime, and to prevent it a moat was dug on 3 sides of the factory, and a stream was on the 4th side. The guards kept watch, in the turrets, for workers trying to smuggle tobacco out of the factory. Those caught would spend 3 to 4 nights in the factory’s own prison, after working the whole day. Depending on the prisoners’ status, they would have a single bedroom or would sleep on the hard floor with co-prisoners. A chapel, with beautiful art pieces, was on the opposite side of the prison. We had a lovely tour in this beautiful building, the 2nd largest in Spain!

Ana Maria Ferrinho

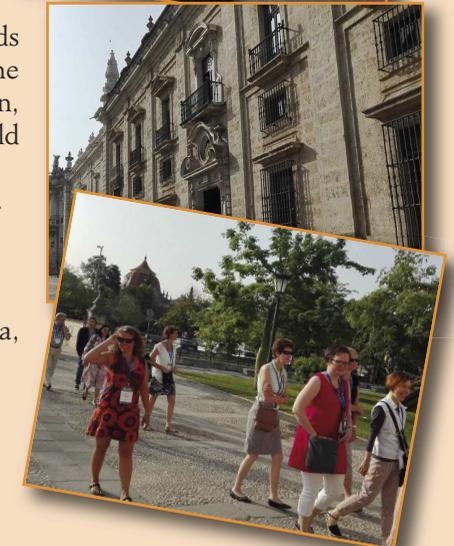
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Memories from the 15th EAHIL Conference 6-11 June, Seville, Spain

A visit to the Library of the Institución Colombina

The Institución Colombina houses two significant library collections: the Biblioteca Colombina and the Biblioteca Capitulare. The Biblioteca Colombina is the collection we were privileged to visit and consists of a collection of 3 200 volumes including 1 194 incunabula and manuscripts.

Our tour guide explained that the arch in the front hall of the building which houses this collection is part of the original mosque which stood on the same site before the city of Seville was re-conquered by the Christians in the 13th century.

The Biblioteca Colombina is considered to be one of the most important renaissance collections in the world and was the personal collection of Hernando Colón, the illegitimate son of Christopher Columbus (Cristóbal Colón).

Colón's ambition was to create a work comprising a compilation of all knowledge. To achieve this, he attempted to collect a copy of all the books in existence and had buyers across Europe purchasing books on his behalf.

Colón inherited his father's personal collection on his death including Columbus's own manuscript work, the Book of prophecies, which we were fortunate enough to view. Colón's original collection contained 15 000 volumes but, sadly, many of these have been lost although Colón's catalogue of the complete collection still exists.

On display was an issue from the *Journal des sçavans*, the first academic journal published in Europe from 1665 to 1792; Ptolemy's *Geographia*, *planispherio* (1508), a prominent cartographic work which was personally used as a reference between Emperors Carlos I of Spain and Juan III of Portugal in order to draw a line of demarcation between the Spanish and Portuguese empires in South America; and a 1489 edition of Pliny's *Historia natural* which has Columbus's annotations in the margins and is an incunabulum of a Roman encyclopaedic work originally written in the 1st century.

Manuscript works written on vellum paper and exquisite hand painted engravings were also on display.

For more information:

- Institución Colombina (Spanish)
<http://www.icolombina.es/>
- Institución Colombina (Wikipedia) -
https://en.wikipedia.org/wiki/Instituci%C3%B3n_Colombina
- About The Biblioteca Colombina y Capitulare of Seville
https://memory.loc.gov/intldl/eshtml/about/partners_bccs.html
- Ferdinand Columbus (Wikipedia)
https://en.wikipedia.org/wiki/Ferdinand_Columbus

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Memories from the 15th EAHIL Conference 6-11 June, Seville, Spain

The visit to the Archivo Histórico Provincial of Seville

Visiting a historical archive is always a very interesting experience. But if you add a tailored visit on the International Archives Day that includes the access to a restricted areas, such as one of the archives, and to a careful selection of rare and historical manuscripts, then the experience turns into a unique opportunity.

Entering in one of the archives and seeing the compact shelving or learning about the preservation programs may not imply anything special for specialized librarians. However, leafing through a XVI-century record, with over a thousand of manuscript documents, is a different matter.

In addition to this privilege, we could see some of the most valuable documents preserved in the Archivo Histórico Provincial of Seville, such as, the notarial deed that authorizes Diego Velázquez, one of the greatest baroque artists, to work as a painter after completing his apprenticeship in 1617; or another one with the original signature of Miguel de Cervantes Saavedra, Don Quixote's author.

Regarding the health sciences field, some of the selected documents were the inventory of belongings and books of a physician and surgeon (1836); and, a statistical record of the cholera outbreak in Seville in 1885. Archivo Histórico Provincial of Seville

Pilar Toro Sánchez-Blanco

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Archivo General de Indias

The Archivo General de Indias was officially founded by order of Carlos III of Spain in 1781 but effective in 1785, when the first file bundles began to be deposited.

The Archivo was founded with the aim to centralise all the administrative documentation concerning the overseas Spanish colonies (Indias) which until then was held in different archives across Spain: Simancas (Valadolid), Cádiz, and Seville.

The collection is made of approximately 43,000 bundles, more than 7 km of lineal shelves, and over 80 million pages of documents which allow to go in depth through 3 centuries of history. The collection continues growing by donations, purchases, and inheritance of documents such as the archive of the Colón family.

The building is entirely made of stone with vaulted ceilings and it hosts also an inner courtyard. The characteristic two-level square building used to be the Casa Lonja de Mercaderes (House Market Exchange). The low and first levels are connected with an enormous and sumptuous staircase.

In the low level of the building can be found the big part of the holdings, the restauration room, and the area of digitalisation of documents. The first floor is dedicated to temporal monographic exhibitions displaying archival documents.

Nowadays the research room and administration of the Archivo are in another building known as the Cilla which is just outside of the main building.

The EAHIL visitors to the Archivo General de Indias enjoyed very much the view to the historical city centre of Seville from the particularly uneven roof as a result of the vaulted ceiling of the floor below.

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Visit to the Seville Archaeological Museum

Thursday saw an early start with a fleet of busses arriving at the hotel to transport delegates to a variety of locations across Seville of Cultural and social interest. I took advantage of the opportunity to hark back to my long gone university days by deciding to visit the Museo Arquelogico de Sevilla or the Seville Archaeological Museum. This museum was initially founded in 1867 and is currently located in the former Pavilion of Fine Arts, which was built for the Ibero-American Exhibition of 1929. This is located in the Plaza de América which contains the venues for the exhibition and is a must see for anyone who is visiting Seville.

The museum itself is a series of connected rooms which chronologically lay out the archaeology of the area surrounding Seville from the Palaeolithic to the middle ages. This includes fantastic artefacts from the Bronze Age and the Phoenicians, but for me the highlights were the displays from the Roman era. Many of these



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items were excavated in the ancient Roman town of Italica, which is located just 9 km North West of Seville and is the birthplace of two Roman emperors, Trajan and Hadrian.

On display were a magnificent range of statues, mosaics, coins, funerary items and everyday items such as amphorae. All of which served to give an insight into everyday life in Ancient Rome. Equally interesting were the subsequent rooms which laid out what happened after the decline of the Roman Empire in Spain and the arrival of the Visigoths in their place. It showed the vibrant new culture developing in Spain and how both the new and the old cultures influenced each other over time.

There was enough time after the tour to take advantage of the fact that it was still early in the morning and that temperatures were still tolerable (for an Irishman). We were able to wander around the gardens of the Plaza de América and see the variety of pavilions that were created for the 1929 exhibition, some of which were designed in the vernacular architecture of the American country in question.

Then all too soon the buses arrived to take us back to the Hotel and the next parallel session of the conference.



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Museo de Artes y Costumbres Populares de Sevilla

Excitement was high, and temperatures were higher as the bold and daring participants to the tour of the Museo de Artes y Costumbres Populares de Sevilla began to congregate. With fans and tickets in hand, we boarded the bus, and prepared for an amazing adventure through the careful guidance of Maria Teresa Campillo Lopez and Camila Higuera Callejon. Upon our arrival to our museum destination, we were soon greeted with the wonderfully eager and enthusiastic volunteer guide, Jose Maria. From the very onset, Jose had us captivated, and directed our attention to the front of the building which was adorned with a beautiful blend of iron, wood, ceramic, and marble. We were then greeted with a fantastic trip through time where we were dazzled with items that were tools of convenience for some, but instruments of survival for others. Jose narrated our journey as we witnessed not just end artisan products such as guitars, pottery, ceramics, baskets, and more, but also the processes used to create such artifacts. To conclude our viewing experience, we surveyed the lifestyle and amazing embroidery and lace works of Diaz Velasquez. The conference, the attendees, and this event provided memories that will last a lifetime.

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Library Tour of the Biblioteca Parlamento de Andalucia

I found the opportunity on Thursday, June 9, to visit Biblioteca Parlamento de Andalucia as part of the library tours organized within the scope of the EAHIL2016 Conference. I felt lucky to have this opportunity because after my visit to the Library of the Turkish Grand Parliament (its building unfortunately attacked during the attempted coup of July 15, 2016), this was to be my second visit to a Library of Parliament. Visiting official buildings has always excited me because these are the locations where the people are represented. Libraries of this kind are typically lodged in historical buildings and I know they are a joy to visit for every librarian. I was looking forward to this exciting tour since we had signed up with our passports for the visit much before the EAHIL2016 registration period.

The Head of the Library and librarians greeted us very warmly at the entrance and, explaining the features of the building, led us into the section where the library was located. Before starting on the tour of the library, the head of the library told us that the President of Parliament had been informed of our visit and would be coming to welcome us. The other librarians and I then began to wait for the President in the library. The President of Parliament cordially greeted us when he arrived, stating that he was very pleased to have our visit the premises. Later, the officials informed us that we would be able to witness the Council's discussions with the Members of Parliament, if only for a short time, and this was indeed one of the most unforgettable and exhilarating moments of our tour.

We were told that the Parliament building had once been a hospital and were given some information about its historical background. The interior of the library was predominantly of wood and its design boasted of elegant and spacious furniture in a bright atmosphere. We were informed that the Library of Parliament mostly served congressmen, members of parliament, personnel and also external users. The collection comprised a wide selection of the most recent printed and electronic books, periodicals and archival documents pertaining to politics, statesmanship, economics, law, history and the social sciences. The library official stated that the services of the library included archiving and documentation, telling us that they provided services all around the world, and then led us in a tour of the archives, the closed storage systems, the administrative units and the users' halls.





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Exiting the building, we strolled around the library gardens and took photographs under the huge magnolia tree that is indigenous to that region. While in the garden, we heard some curious noises and discovered that a big crowd had gathered outside the parliament building to protest an issue that was to be discussed that day in parliament. Encountering that huge gathering of people as we were leaving the grounds was another unforgettable moment for us.

Every moment of the library tour was very enjoyable and exciting to experience. I would like to thank everyone involved for the efforts that went into organizing this tour.

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Closing Dinner at Hacienda Los Angeles

As an EAHIL first timer I was overwhelmed of the Conference held in Seville, which I thought inspiring and highly interesting. The Closing Dinner was therefore a thrilling occasion to conclude the whole week.

We left Silken Al-Andalus Palace, where the Conference took place, at half eight p.m. by coach. Half an hour later, we reached our destination: the Hacienda Los Angeles.

While we gathered in the entrance and enjoyed a pleasant appetizer we were treated with a short Spanish horse show, which everyone enjoyed thoroughly. The Hacienda itself is a wonderful and breathtaking construction which combines Andalusian and Moroccan architecture. Taking a stroll in the labyrinth like corridors, makes you discover more than one object of interest.

As the night closed in, we entered the inside of the building, where a delicious dinner was awaiting us. In a familiar and homely atmosphere the EAHIL participants could once again exchange their thoughts and impressions and develop and discuss new ideas and future projects. The Gala Dinner closed with a lovely music session and a magnificent flamenco spectacle. With all these lovely impressions and memories, the new inputs and inspiration for the daily work I am looking forward to the next EAHIL venue and say thanks to all the people who made this event a success.

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Memories from EBSCO Scholarship recipients



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I am very honoured to be one of the recipients of the EAHIL–EBSCO scholarship 2016 and to have participated in the Seville EAHIL Conference. Without your generous support, I would not have been able to visit such a wonderful event. You made my professional dreams come true. Thank you.

I was very interested in the EAHIL 2016 Conference topic: Knowledge, Research, Innovation...E-health. During the Conference, learned about many good practices from abroad that made me think on how to apply some of them to our Faculty and the local community. To summarise the presentations that I attended, I can put medical librarianship in Europe to four trends: open access, building of repositories and cooperation of various health contributors at internet portals; altmetrics; health literacy (also with lifelong learning and teaching information literacy at universities); and systematic reviews. The attending of the Conference opened my eyes and gave me some ideas on which ways the development and progress in the field of European medical libraries is heading.

In attending the Conference and its events, I was immediately feeling like a part of a great community. For example, I was extremely surprised by the participants friendly behaviour. It was easy to make new friends and start a conversation with anyone. I was particularly amazed by the fact that prominent librarians openly shared their specific knowledge with us and they were willing to answer to our simple questions.

The city of Seville with its magical spirit immediately bewitched us. The tour of the General Archive of the Indies organised by EAHIL was an amazing experience. There was a historical exposition of Cervantes' documents at the time of our visit. We also saw some first documents from Columbus and other sailors who discovered and explored new colonies. Moreover, I cannot forget the splendid view from the roof of the Archive to the Cathedral of Seville.

All social events were astonishing: first time attenders reception was very charming and we immediately made new friends, the welcome reception at the Alcazar's garden was breath-taking and the closing dinner at the Hacienda los Angeles was felt like a 1001 Nights dinner.

All events were unforgettable and they will stay forever in my memories of Seville. Thank you to organisation team to prepare such a great event.

Visiting such an event it was life lasting experience. I gathered fresh knowledge and ideas, made new friendships, experienced a professional community spirit and (what is more?) visited an amazing city. I came home from Seville full of enthusiasm and ideas for the future. Let us hope that ideas will not stay just in my head, but in the near future come to realisation.



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This year was the first time that I submitted an abstract for any conference, and I was delighted to be accepted to deliver an oral presentation alongside my colleague, Anna Brown, at EAHIL 2016. We decided to submit an abstract about our experiences as information professionals working within clinical teams to EAHIL as the theme was Knowledge, Research, Innovation...eHealth, and we think we are quite innovative in the way that we work. To make it even better, we were also lucky enough to be recipients of the EAHIL/EBSCO Scholarship, without which we would not have been able to attend the whole conference. Having never been to a conference before, I was unsure of what to expect. The programme, as it became more detailed, looked excellent with many sessions being relevant to my own role. The only difficulty was that I couldn't attend all of the parallel sessions, but we were lucky enough that we could split up and attend both so that we were able to share what we'd learned in each. For those sessions not specifically relevant to my own role, I have been able to share with colleagues within the broader library team here at UHCW, in particular the sessions on user experience and innovation in libraries.

The organisation of the conference was outstanding; there were plenty of chances to ask questions either during the sessions or in one of the breaks. It was extremely useful to me to be able to engage in feedback with peers attending our presentation but also to speak with peers from all over the world who may work differently to us but their insight and experience is something that I have most definitely learned from.

Not only was the conference itself organised in a way that supported networking and shared learning but there were also fantastic opportunities to socialise with other attendees at spectacular venues across Seville. From the warm welcome at the first timer's reception to the truly beautiful closing dinner at the Hacienda, I was amazed at how much work had gone in to providing such a fantastic conference.

Without the scholarship I would not have been able to attend such a truly excellent conference so I would like to pass on my sincere thanks EAHIL EBSCO and to everyone involved for their awesome organisational skills and dedicated hard work, it will be hard for any future conferences to live up to my experiences at EAHIL 2016!



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"Knowledge, Research, Innovation... eHealth!" how could you not want to be part of all that! Since the first time I heard about the 15th EAHIL Conference I knew it would be an outstanding opportunity for me to hear experiences and projects from libraries across Europe. But, along with my library manager, we thought it would be an even greater experience if we can personally contribute to the sharing

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of ideas and points of view, so we decided to present two posters regarding our library's activities: the cataloguing process of our scientific historical section, and the patient's library.

One thing I won't forget for sure is the quality of the speeches, I particularly enjoyed the Education Sessions because I understood better the importance of the educational activities and the impact that they have on the entire scientific community. I also appreciated the Metrics, Open Access & Technology session, which gave the opportunity to get a glimpse of the new Altmetrics world and the passionate librarians that are working to promote it.

This conference also gave me the opportunity to meet other Italian biomedical librarians and share with them suggestions and plans for the future.

The conference was really interesting but this EAHIL event goes beyond meetings and courses, it's a whole experience thanks to the great work and effort of the Organizing Committee that managed to give the participants an example of the Spanish culture and history, with guided tours, traditional flamenco exhibitions, Andalusian horses show and the typical cuisine of course!

I am really looking forward to attend the next EAHIL Workshop in Dublin next year, I am sure it will be as engaging and stimulating as the one in Seville.

It was a pleasure to have had the opportunity to be part of such a stimulating environment, and of course I would like to say a really special thank you to EAHIL and EBSCO for giving me the opportunity to attend the conference, it is very encouraging seeing so many people willing to welcome you in the big, fun, and amazing librarians' world!



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I want to address the EAHIL Board and EBSCO a big thank you for awarding me the EBSCO scholarship, which made it possible for me to attend this year's EAHIL Conference in sunny and warm Seville. The organizers made a fantastic job welcoming and hosting us delegates. Thanks to air conditioning, enough refreshments and tapas it was possible to survive the hot Spanish summer temperatures reaching up to 40 °C. Attending this Conference I was eager to learn more especially on teaching methods, user surveys and collaborative projects. As it turned out, I also learned a lot on to me unexpected themes such as systematic reviews and research data management. Apart from being tremendously inspired and impressed by the presentations and posters, I had so much fun! The social events were well organized and gave a wonderful insight into Spanish and Andalusian history and culture, I very much appreciated the guided tour at the Real Alcázar and the visit to the Royal Tobacco Factory. The colourful and vibrant flamenco shows before and after the closing dinner are unforgettable memories.

Keynote speaker Bernat Soria together with Marshall Dozier, managed to set the atmosphere for the Conference in an amusing, yet encouraging, way right from the start in the presentation On the value of knowledge. Soria emphasized that there is no future without librarians, something everyone present surely could agree upon! This boosting statement was however later to be underpinned in many other presentations, among others Bob Gann in his presentation on Combating digital health inequality. Gann showed numbers indicating 20% of the European population never has used Internet. Gann's study gave us all a reality check and proofs the crucial role of libraries and librarians in enhancing health literacy.

Last summer I attended the workshop in Edinburgh as a first timer. This year's Conference strengthened my impression of EAHIL as a vital network with a strong, positive spirit. EAHIL provides a stable platform for strengthening the professional identity, as well as anchoring everyday library work in a larger context. In her presentation, Sue Lacey Bryant stressed the importance of experienced librarians sharing their expertise with younger ones. To me this is very much what EAHIL is about. Learning from each other and being supported while creating a strong professional network. I deeply value being part of this network. Lastly, I want to thank the troop of eager tweeters, who enabled simultaneous session following through #eahil2016. Sharing is caring! I will do my best to share the spirit and brave ideas from the conference with my colleagues at home. I look forward attending many more EAHIL conferences and meeting EAHIL friends in the future. Once again, thank you.



Anna Brown

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The Conference opened with a keynote entitled “On the value of knowledge” from Professor Bernat Soria, who won over the audience with his entertaining and engaging style, and by situating librarians and knowledge translation at the strategic centre of healthcare systems. For me, libraries and information professionals at the heart of healthcare emerged as a theme as the Conference progressed. For example, Bob Gann spoke about an NHS England project to improve digital health literacy (particularly among the socially disadvantaged), via public libraries and other community institutions. A panel session on “Clinical decision support tools” identified a need for urgent, quality information at the patient's bedside, ideally provided by a skilled information professional.

A number of presentations and posters covered different ways of supporting researchers. Whilst most of these were from university libraries, they have furnished us with ideas as to how we might work more closely with our hospital's active Research, Development and Innovation department. Other learning points that we will be able to apply in our practice were the technical tips on searching for systematic reviews, something we find we are asked to do more and more frequently.

This was my first time attending a conference outside of the UK, and Seville as a location will be hard to beat! It provided historic and beautiful settings for social events, atmospheric tapas bars and numerous sightseeing opportunities (luckily my colleague and I had a day to look round after the conference ended). Here is a brief summary of some things I learnt:

- EAHIL attendees are wonderfully encouraging and supportive of each other
- I can learn a lot and glean new ideas from information professionals with very different working environments to my own
- Medical and health professionals value our role and desire our input into healthcare
- We are fortunate in the UK in having a network of clinical librarians; in many countries in Europe this kind of embedded role does not exist
- In Seville you can have chocolate cake and wine for breakfast (or is this normal for EAHIL events?!?)

A big thank you to EAHIL and EBSCO for providing the scholarship so that I could attend the Conference, and muchas gracias to the organising committee for doing a great job and making the event such a fantastic all-round experience.

2016 EAHIL CONFERENCE, SEVILLE



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I would like to thank the EAHIL Board members for awarding the scholarship and EBSCO for sponsoring the scholarship, which allowed me to attend and participate in the 15th EAHIL Conference in Sevilla 2016. This is the first international conference that I have attended, therefore I was very excited.

The Conference offered a variety of interesting topics such as education, innovation, cooperation, management. I choose sessions which were about education and management, because I deal with these two areas more primarily during my work. It was interesting to see the same problems and possibilities at an international level and I have learnt a lot in these sessions.

Perhaps the most memorable moments for me were the Poster Presentation and Exhibition, because our poster (title: Gamification – games in user education, learning, exams) were presented here, in the education section. This poster was created together with my colleague, Bea Winkler. We introduced briefly how we tried to rethink the methods of training for information searching and how we have used gamification for curriculum development. It was a great pleasure to share these experiences with my colleagues and discuss how they see it and get to know their ideas for solving a problem.

On the third day of the conference, the presentations in the Management & Leadership session were the most interesting for me, especially the ones about the results of the reader survey and the ones which showed how readers' needs were converted into innovative library spaces.

The visit to the First Timer Meeting, the Welcome Reception in the Real Alcazar de Sevilla, the Institucion Colombina, the Closing Dinner at Hacienda all were unique and memorable moments of my journey.

The Conference will certainly help my professional development and inspire me to improve our library services. I felt great at the Conference and the atmosphere of Spain was an additional factor which made this event unforgettable. I was very happy for this chance.



Figure 1. EBSCO Scholarship recipients and the President of EAHIL – 2016 EAHIL Conference, Seville.

EAHIL-AHILA scholarship



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The new partnership between EAHIL and AHILA resulted in a scholarship offer for one AHILA member to attend the 15th EAHIL 2016 Conference in Seville, Spain. I should stress that I am privileged to be the first awardee of the EAHIL-AHILA scholarship. For this matter, I should express my sincerely special thanks to the president of EAHIL and AHILA for this partnership. Also, I am delighted to thank EAHIL Executive Board for this award. I should also reveal that, without the scholarship, I may not have been able to attend this wonderful conference for health information professionals.

Through my attendance to the EAHIL 2016 conference, I learnt that: first of all, EAHIL conference is a large platform that provides opportunities for its members and non-members to communicate their research findings, projects, and success stories related to health information services in their respective working environment. Second, EAHIL members are innovative in the sense that they employ technologies in health information provision to their users. Third, they went further by applying and implementing research results into practice for improving health information delivery. Fourth, they usually conduct training to keep their members abreast with the most recent advancement of technologies and other important development in the field, for example HINARI training course was part of the conference program (though it was cancelled) which is well known in AHILA member countries.

Apart from professional experience, I had also made many good professional connections during the conference. People I met were very nice, eager to share their experiences, success stories, materials, advice, as well as potentially partnership in a near future for innovation projects in the field. The biggest achievement for my attendance was the discussion about further partnership between EAHIL and AHILA. In this new partnership, and taking into account that at present AHILA does not have its own journal for members to communicate their research findings and success stories, AHILA has been offered a new column, "News from AHILA", which will be regularly published in the Journal of EAHIL starting with this same issue (September 2016). It will be so interesting for all EAHIL members and it will be a good opportunity for AHILA to keep everyone informed about its activities.

Since this scholarship was provided for the first time, I would like to ask for lifelong collaboration between EAHIL-AHILA scholarship. In order to facilitate more AHILA members to attend the EAHIL conferences in the future, I am requesting the scholarship should be extended to more than one person. This will provide an opportunity for other AHILA members to learn from their counterpart EAHIL members.

Lastly, the conference was well organised, and I would like to take this opportunity to congratulate the local organising committee for their tireless effort in the preparation of such a wonderful and remarkable conference. For instance, the conference program, the food, the tours, the first timers event, and mostly the attendance certificate will always remind me about EAHIL 2016 Conference in Seville. A further lasting impression was that the sunset occurred around 10:00 or 11:00 p.m., which is totally contrary to my normal environment where the sunset is around 6:00 p.m.

EAHIL and AHILA we are now a single family, let's learn from each other! See you soon at the other EAHIL and AHILA events!!



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Welcome

The theme of the 12th International Congress on Medical Librarianship and the 2017 EAHIL Workshop is *Diversity in Practice: integrating, inspiring and innovative*. Through a series of plenary and parallel sessions and workshops the scientific programme will cover the following sub themes:

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Letter from the President



Marshall Dozier

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Dear Colleagues

Fitting with the theme of this issue, I'd like to reflect on a couple of the "take-home messages" I took away from the EAHIL Conference in Seville in June 2016. One of my take-home messages came from Susan Thomas, a Council member for the United Kingdom, who suggested that the *EAHIL annual reports should also include something about impact*, to show the impacts of being a member and the impact of our Association itself. The second take-home message comes from the opening keynote presented by Professor Bernat Soria, *On the Value of Knowledge*, (1) in which he discussed several very different, seemingly contradictory, but contextually valid, ways of measuring value (see also the first paper published in this issue of the Journal). These are just two of the many take-home messages and ideas I came away with from the conference, and I write about them in this issue's letter because they have both been frequently in my thoughts in the weeks since the conference, and because I now see impact and value as almost inseparable topics, and relevant to any library service.

Susan Thomas's suggestion was focussed on EAHIL, but almost immediately I started thinking about her point in the wider context of the services we EAHIL members provide because the day before the Council meeting where Thomas made her suggestion, the EAHIL Board had met with Ann Ritchie, convenor of Health Libraries Australia. One of the topics we had discussed with Ritchie was a piece of research commissioned to assess the return on investment in health libraries in Australia (2). Very encouragingly, the research findings suggest that for every Australian dollar invested in these library services, there is a \$9 return for the wide range of organisations with those libraries. Two of the key measures assessed in the research were:

- the value of "time" saved for library users, and
- the value of "out of pocket expenses" saved for library users (e.g. subscription fees/ content access fees) (2).

These seem to me to be measures of impact that all of our services could demonstrate. After that discussion and thinking about Thomas's suggestion, I was wondering, *How do we describe impact? Should it be about money?*

These thoughts were in my mind by the morning of Wednesday 8 June, when Professor Soria presented his wonderful opening keynote lecture. Soria talked us through measuring the value of people from a few perspectives: those of a mortgage lender, a biochemist, an investor, and most tellingly, Soria's own perspective as a physician and scientist. Soria argued that public investment in healthcare systems and

access to research information are critical for a healthy population using measures of life expectancy – surely the ultimate measure of impact. Soria finished with a statement that was warmly appreciated by his audience: “You are the value. No future without librarians.” My main thought after this presentation was that *value is in the eye of the beholder*, if you’ll forgive me for mangling the well-known expression about beauty. This becomes a serious challenge, then, when the “beholders” speak and think about value with perspectives and terminology that are seemingly at odds with how we as information professionals speak and think. These beholders are those who decide, for example, on funding for libraries, on integration of information or digital literacy in curricula, whether to treat librarians as colleagues...these beholders are also our actual or potential service users: students, clinicians, researchers. In order to be able to demonstrate the impact of our skills and services, we need our institutions and users to use measures of value that are relevant to library and information services, and that align well with the principles of our profession.

By happy chance, Lorcan Dempsey blogged about ways of communicating value just a few weeks after the EAHIL conference (3). Drawing on several sources, Dempsey wrote about the dangers of being so wrapped up in the ways of doing, being and speaking within a discipline that we can be incomprehensible to our publics when we try to describe our services. Dempsey observes that we need to talk about our services in ways that make sense to users who are totally unfamiliar with in the inner workings of libraries. In order to make the impact and value of our library services understood by our funders and users, this “means communicating value in terms which are readily understandable in the context of the problems our users and host institutions want to solve” (3). Dempsey goes on to discuss the importance of showing how libraries support an organisation’s strategic aims, and of using terminology that is immediately recognisable and aligned with those over-arching aims. Dempsey also presents the rather challenging idea that our services are not necessarily well-designed for, or accessible to, our novice or reluctant users.

So, perhaps we can satisfy the economists by showing cost-effectiveness and return on investment; we can persuade our strategic leaders by showing how their goals are made more achievable with our input and support; we can win over users by saving them money and time; we can entice students by offering an improved experience in their studies...

But, in order to do communicate these points well, we need to be able to talk about impact and value in language that is meaningful to those people who matter to our services: our financial managers, our strategic leaders, our busy or inexperienced users, our mysterious non-users. My current thinking is that we need to have competence in speaking in the various languages these groups understand best, and we need to spend some time, not just once but at intervals, seeing the library through their eyes and with their motivations. We also need to make sure we find compelling ways of expressing the value of our professional activities that are not necessarily numerically quantifiable.

How do you do these things? I’d love to hear about your ideas and approaches!

*All best wishes,
Marshall*

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A special Award to Sally!



Dear Friends and Colleagues

I would like to thank you all for remembering me in this way. I really did enjoy my work as Editor of the EAHIL Journal but it was time for me to move on and dedicate my time to the paralympic movement in Romania. I did not think I could continue to do both well.

I knew also that the EAHIL Journal would be in extremely capable hands with Federica at the helm and a very good EAHIL Journal Board alongside her. Already there have been some excellent changes in the presentation and style and the Journal continues to grow in content.

I am sorry I could not be with you in person to accept this award and I can assure you it is very much appreciated. I really would like to thank Ioana also for agreeing to do the necessary acceptance on behalf of me.

Once again many thanks to Marshall and the EAHIL Executive Board and to all of you as EAHIL members.

*Sally Wood-Lamont
Former JEAHIL Editor in Chief*

Statement read by Ioana Robu at the General Assembly in Seville on behalf of Sally Wood-Lamont, Former JEAHIL Editor in Chief



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Survey to inform the delivery of continuing education courses in EAHIL 2018



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The importance of continuing professional development (CPD) should not be underestimated and as information professionals our roles develops so does our training needs. Continuing Education Courses (CEC) delivered at EAHIL events help to ensure that we are competent in our profession.

At the EAHIL 2016 Conference in Seville, we started a survey questionnaire to identify the training needs of medical and healthcare librarians in relation to continuing professional development. The findings will inform the delivery of CEC's at EAHIL 2018 in Cardiff. In addition to the survey, we scanned the responses given in relation to participant feedback from the EAHIL Conference in Seville 2016, to the question relating to *what topics participants would like to see covered at future events*. Moreover, topics for CPD were discussed at the EAHIL Council meeting in Seville. The following list comprises topics mentioned in the feedback from both participants and Council members:

- Academic writing courses
- Applying for EU grants
- Bibliometrics / Altmetrics
- Copyright issues
- Database searching and reporting
- Development of clinical librarian roles
- Didactics
- Digital Libraries
- E-book publishing
- Emerging technologies
- Engaging clinicians in evidence based practice and research
- Evidence based librarianship
- Hands-on workshops led by experienced users of databases
- Health informatics
- How to successfully run a webinar
- How to use reference manager
- How to write a journal article step by step (or in 5 steps)
- Identifying user needs
- Information literacy learning
- Marketing our libraries

NEWS FROM EAHIL

- Open access
- Pedagogical Issues and Strategies
- Practical techniques for teaching evaluation and on measuring impact
- PubMed advanced/NCBI databases tips
- Support to researchers in University Libraries
- Systematic review methodology
- Text mining methods
- Transferring ideas from conference presentations into practice
- Use of Google forms for surveys and analyses
- Writing/creating posters

The above topics indicate the multiple roles that information professionals are involved especially within medical and health care libraries. This may include marketing library services to developing comprehensive search strategies. In addition to interacting with clinicians (doctors, nurses, allied health professionals etc.) by providing critical appraisal and data extraction advice and support.

Therefore, suitable CEC's are important within the library profession to enable us to stay current with the latest developments, skills, and new technologies that are of relevance to us in our place of work whether based in a hospital library or a health library setting in a university.

Thus, in order to build on the response we received at the EAHIL 2016 Conference in Seville, we would like to extend the questionnaire to *JEAHIL* readership and colleagues who did not have the opportunity whilst in Seville to respond the survey.

We would like to invite you to help us in this effort by completing the online survey and passing it on to other colleagues:

<https://cardiff.onlinesurveys.ac.uk/eahil-cec-questionnaire>

We estimate that the survey will take about **5 minutes** to complete. Your responses will be anonymous, and the results reported at an aggregated level only.

Acknowledgements: Many thanks to Delyth Morris – Subject Librarian DENTAL/MEDIC, Cardiff University for uploading the questionnaire survey to Bristol Online Survey tool.

Acknowledgements

Many thanks to Delyth Morris – Subject Librarian DENTAL/MEDIC, Cardiff University for uploading the questionnaire survey to Bristol Online Survey tool.

Thanks to Marshall Dozier for providing the feedback on continuing professional development from the EAHIL Council meeting in Seville. Also for her helpful comments in relation to this article.

Association for Health Information and Library in Africa report for EAHIL



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Partnership among health information and libraries associations: European and African context

Introduction

An African proverb states that “If you want to go fast, walk alone. If you want to go far, walk together” (1). As we want to go far, there is a need to collaborate, a need to work together, a need to share what we have. This is why health information and library associations from Europe and Africa have formed a partnership for the betterment of their members. These are the Association for Health Information and Libraries in Africa (AHILA) and the European Association for Health Information and Libraries (EAHIL).

About AHILA

History

AHILA is a professional association that was first founded in Nairobi on August 23, 1984 under the name African Medical Librarians Association (AMLA). In 1988, the name was changed to the Association for Health Information and Libraries in Africa (AHILA) to accommodate those who are interested in health information issues but may not be librarians. Currently, the association has 46 member countries, partners and collaborators worldwide. For more details about AHILA, please visit: <http://www.ahila.org/>. For information about EAHIL please visit: <http://eahil.eu/>.

Aims and objectives

AHILA is a non-profit organisation that aims to:

- promote closer association among health information professionals in Africa;
- promote a high standard of health library practice for health information services, education and research in Africa;
- work in close collaboration with the World Health Organization Regional Office for Africa and cooperate with national and international health organizations and learned societies in full mutual respect of their objectives;
- participate in international activities in the field of health information;
- carry out other activities which the General Assembly agrees (2).

Vision

To be a leading Association in the enhancement of access to and use of health information and library services for better healthcare, research and training.

This is done by promoting a close working relationship among health information professionals through the exchange and networking in health information services. One of the priority areas of AHILA is to create and maintain the African Index Medicus (AIM) through bibliographic and other information resources relating to health issues of African countries.

AHILA country chapters

AHILA member countries fall into three main language groups: English, French and Portuguese. AHILA vice-presidents represent the languages of interest. Each member country should formulate local chapters. They must have officers for leading and manage the chapters. Local chapters can have their own activities to promote access and use of health information to their stakeholders. Local chapters can have their own local conferences depending on their strategic plans as well as local constitutions. So far, there are local chapters in almost all regions, as indicated in the map (Figure 1).

Key milestones marking AHILA's history and development should give us pride in our past achievements and hopefully a determination and commitment to build on these for the future. Membership covers countries of varying stages of development to provide access to reliable and current health information. Some countries have strong chapters of AHILA, others have less active groups and some have yet to form a chapter. AHILA membership reflects diversity of backgrounds, cultures, languages and developments.

AHILA Conferences

AHILA is a unifying influence allowing sharing of professional knowledge and experiences. Generally, AHILA Conferences are conducted biennially. Because AHILA member countries speak different languages, the biennial AHILA Congress meets alternately in Anglophone, Francophone and Lusophone countries. For instance, if the current conference is hosted by an English speaking country, the next conference will be hosted by a French speaking country, and the following will be by a Portuguese speaking country. However, this also depends on the availability of members from respective language speaking countries interested to host the conference. Tanzania hosted the AHILA 2014 conference, and this year Uganda will host the conference (3). The 1st and 2nd biennial conferences were done before changing the name of the association from AMLA to AHILA (Table 1) (4). The Congress facilitates the richness and diversity of AHILA members being shared and creates an environment where professionals can explore new ideas and new models for increasing access to health information.

AHILA ensures that the focus of the health information librarians is to continue creating awareness and provide relevant health information and useful knowledge through training and capacity building in health

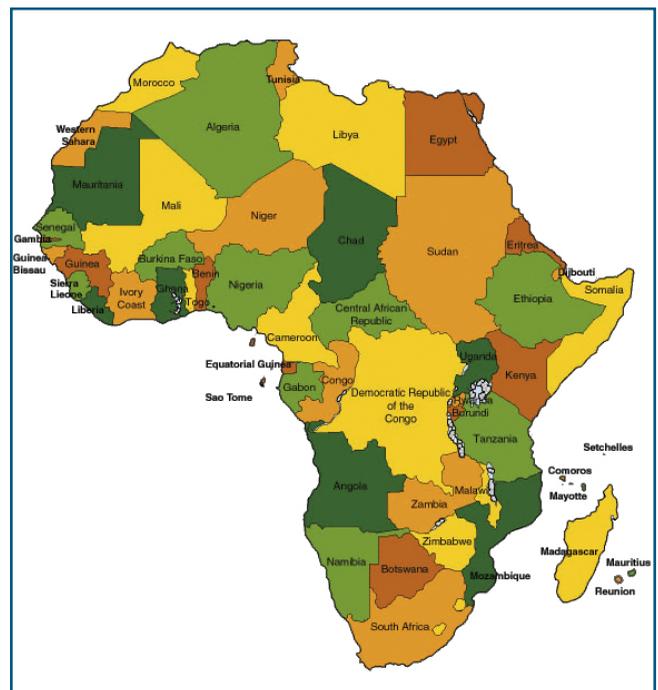


Figure 1. AHILA country chapters.

Country	No. of Conference	Year	Theme
Uganda	15 th Biennial	2016	Access to and utilization of health information in Africa: New challenges, new solutions!
Tanzania	14 th Biennial	2014	ICTs and access to health information and knowledge: building strong knowledge societies for sustainable development in Africa
Cape Verde	13 th Biennial	2012	Enhancing access to health information in Africa: research, collaboration and innovation
Burkina Faso	12 th Biennial	2010	Health information in Africa: meeting our goals
Mozambique	11 th Biennial	2008	Provision of health information for poverty alleviation in Africa Executive & General Assembly begin development of 5-years Strategic Plan
Kenya	10 th Biennial	2006	Millennium Development Goals and health information provision in Africa
Malawi	9 th Biennial	2004	Health information and rural based communities
Mali	8 th Biennial	2002	The environment and health: the librarian's role in information diffusion
Swaziland	7 th Biennial	2000	Challenges of the New Millennium and the role of health information disseminators in the fight against HIV/AIDS in Africa
Zambia	6 th Biennial	1998	Information for the promotion of health
Congo	5 th Biennial	1996	Interconnection: how to break barriers to information provision
Uganda	4 th Biennial	1994	Information for health for all by the year 2000
Zimbabwe	3 rd Biennial	1991	Micro computer applications in health information
Congo	2 nd Biennial	1988	WHO-partner in health documentation and information activities in Africa
Senegal	1 st Biennial	1986	African health science libraries: myth or reality? The Association had by now forty-one registered members

Table 1. AHILA Conferences from 1986 to date.

and other relevant areas (5). Health information literacy is a key aspect area in empowering different levels of health information specialists with relevant current strategies of health information retrieval, especially now in the digital era (6). As such, health information specialists have to be well equipped, skilled and motivated to deliver relevant health information using these different and latest media formats (7). AHILA continues to challenge the role of the health information specialists to take charge of their positions in their respective institutions and to be key players in collecting and disseminating health information to their users, such as through capacity building community outreach programs by simply giving small presentations and creating awareness on the importance of health information (3).

Partnership between AHILA and EAHIL

AHILA and EAHIL entered into strong partnership for the sharing of knowledge, resources and expertise. This partnership is an approach for these two regions (Africa and Europe) to work together for addressing issues related to access for health information. This can be possible as currently the two associations have introduced the AHILA-EAHIL scholarship for one member of AHILA to attend EAHIL events in Europe. For the first time, one member from AHILA was awarded a scholarship to attend the 2016 EAHIL event in Seville, Spain. In addition, the *Journal of EAHIL* has agreed to give a new column to AHILA that will be

known as “News from AHILA”, which will be regularly published in the journal. This will be of interest for all EAHIL members and will be a good opportunity for AHILA to keep everyone informed about its activities.

Conclusion

The partnership between AHILA and EAHIL is a good opportunity for all members to learn from one another. I would like to invite all AHILA members to contribute to this column with their success stories, experiences and challenges related to the delivery of health information services in their different working areas. This is an opportunity for us all to inform our counterparts from Europe and around the world about our activities, services and future plans, and more importantly on the application of technologies in health information delivery in this generation.

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Health Libraries Australia Report for EAHIL



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Having recently returned from the EAHIL Conference in Seville where I mixed with health librarians from all over Europe, I learnt that the language of health librarianship is universal. We are great networkers, and share many areas of professional interest and some common concerns. It was wonderful to catch up with so many of my colleagues and friends in Europe, and I congratulate EAHIL on the enormous success of this event. An Australian colleague, Suzanne Lewis also attended and we've written an article on our reflections of this conference for the Spring (September) issue of our national journal (*HLA News*).

Health Libraries Australia (HLA) is the national group representing health library and information professionals within the Australian Library and Information Association (ALIA). We have nearly 600 members of our group, an active e-list, two regular online publications, a LinkedIn group, and an online "community". We also administer two awards that highlight and support the achievements of health librarians in our country. Our website provides more information about these activities – see <https://www.alia.org.au/groups/HLA>.

The HLA group has a 12-member executive with myself as Convenor, Gemma Siemensma as Secretary and Sharon Karasmanis as Treasurer. We have a portfolio structure, with each of the five portfolios headed up by a member of the executive. These are: Professional Development, Education and Training (led by Suzanne Lewis); Partnerships and Collaborations (Ann Ritchie); Membership & National Projects (Jane Orbell-Smith); Demonstrating Value (Advocacy, Research, Marketing and Awards – Bronia Renison and Jeanette Bunting); Publishing and Communications (Jane Orbell-Smith and Sarah Hayman).

As convenor of HLA and with my Partnerships and Collaborations portfolio leader hat on I attended an item on the agenda of the EAHIL Board meeting to discuss the proposed Memorandum of Understanding (MoU) between our two organizations. In addition to high level principles of cooperation and joint advocacy in areas of mutual interest, the MoU would provide a framework for activities which could be of practical benefit for our members. Information sharing activities (such as writing for each others' journals), opportunities for professional development, such as members' rates for courses, events and conferences, and international collaborations, such as job exchanges and research, could be offered. We are now finalizing the text of the MoU, and hope to have this signed off soon.

HLA also has formalized relationships with other international associations, including MLA, and we operate within the broader ALIA agreements with CILIP and LIANZA. In Australia we have MoUs with HIMAA

(Health Information Management Association of Australia) and ACHI (Australasian College of Health Informatics), and an agreement with HISA (Health Informatics Society of Australia). With these health information professionals' organizations we are currently part of a joint workforce planning initiative aimed at raising our profile and gaining recognition within the broader health professional workforce. HLA has made great progress in this regard over the past three years, following our research into the requirements for the health librarianship workforce of the future (full details of this study are available in the final report¹).

Another landmark achievement has been the completion of our first national Census² of the health library workforce. Launched on 18th July 2016 at our Professional Development Day in Sydney the accompanying media release stated that:

Australia is facing a potentially critical shortage of health librarians according to the findings of a new census report from ALIA Group Health Libraries Australia (HLA).

The Census results showed that we have an aging population, and the ratio of imminent retirees (due to retire within five years) to new recruits (those entering the profession in the past five years) is approximately 2:1, and job vacancies are running at almost 10 per cent – this compared with the national job vacancy rate of around 1.2 per cent is startling. The release also stated:

The shortage is particularly troubling given the results of an earlier survey which found that 76% of health practitioners had changed their thinking or improved their diagnosis and treatment plan after using the library service. "It is not overstating the case to say that health librarians help save lives – and if we can't fill these vacancies in future, patients will suffer."

So it is very timely that HLA has been focusing its efforts on implementing the recommendations of the "Workforce and Education" research. We established ALIA's first competency-based, professional development specialisation and recently presented certificates to the inaugural graduating group (the 2013-16 triennium). We have concentrated on harnessing the knowledge and experience within our profession before it is lost, and in 2015, in partnership with Queensland University of Technology and the support of a reference group of dedicated and committed health librarians, developed our first online "Health Librarianship Essentials" course, aimed at new and aspiring health professionals. In 2016 this was run for the second consecutive year and was opened up to an international audience.

HLA's proposed MoU with EAHIL will enhance the professional development opportunities in both our jurisdictions, and will ultimately assist health librarians everywhere in contributing to the goals of better healthcare for all.

Over the next year each of HLA's portfolios will be featured in an issue of EAHIL – we look forward to hearing from European health librarians in future issues of our journal.

¹ Health Librarianship Workforce and Education: Research to Plan the Future Final report May 2011.
<https://www.alia.org.au/sites/default/files/documents/our-communities/Healthlibrarianshipworkforcereport.pdf>

² The Census of Australian Health Libraries and Health Librarians Working Outside the Traditional Library Setting: The Final Report of the 2012 Anne Harrison Award Project conducted between October 2014 and February 2015 by Melanie Kammermann.
https://www.alia.org.au/sites/default/files/CENSUS%20of%20Aus%20Hlth%20Libs%202012-14_Final%20Report_2016.pdf

Report from Special Interest Group on MeSH 15th EAHIL Conference Seville, 2016



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* in the photograph

The Special Interest Group (SIG) on Medical Subject Headings (MeSH) met on June 9, 2016 at lunch time during the Seville 15th EAHIL Conference, in the comfortable and well-equipped rooms of the Silken Al-Andalus Hotel.

The 2016 SIG on MeSH, saw the participation of Conference delegates from Estonia, Germany, Italy, Lithuania, The Netherlands, Romania, Sweden, Switzerland, Turkey, United Kingdom and USA.

First of all the participants introduced themselves and explained in which way their work involves MeSH utilization. Maurella Della Seta, chair of the SIG group, after a brief welcome introduction, read the MeSH annual update “MeSH quick facts and recent milestones”, kindly sent to her to share with the SIG group by Dianne Babski, Deputy Associate Director, Library Operations, US National Library of Medicine. In this paper Dianne gave an overview of vocabulary development and changes for 2016 MeSH. Current MeSH statistics were presented (*see Table 1*). Recent work done by NLM for 2016 MeSH release included 438 new descriptors added, 17 descriptors replaced with more up-to-date terminology, 9 descriptors deleted.

Record type	Records	Concepts	Terms	Permuted terms
Descriptors	27,885	53,338	114,911	108,727
Qualifiers	82	238	304	
Supplemental Records	235,165	306,820	567,861	
Chemicals	227,420	298,311	549,554	
Protocols	1,212	1,597	1,827	
Disease	6,533	6,912	16,480	
Total for all record types	263,132	312,396	683,076	108,727

Table 1. *Current MeSH statistics*

Furthermore, NLM plans for the future include several projects aimed at improving the overall MeSH vocabulary structure, such as the MeSH hierarchy revision, particularly for the M tree (People and Professions, as well as the J tree (Plants and Food). Several improvements are foreseen for the MeSH Data Systems, to enhance the MeSH data user experience (Medical Subject Headings (MeSH) RDF Linked Data, MeSH on Demand, MeSH Editing System).

The participants were then free to raise questions or share issues. Suzanne Bakker from The Netherlands, highlighted the importance of multilingualism in scientific research and information retrieval: all participants endorsed this opinion and agreed with the importance of retrieving information published in national journals, and in local languages.

Terminological issues met while searching PubMed were then taken into account. The different performance in terms of results while using the phrase - child mental - versus - child mental * -was discussed by the SIG group. In the days following the conference, Samuel Johnson, who worked in the past with the MeSH team, asked the National Library of Medicine the reasons for this difference. The answer given by NLM, was sent to all participants, namely *“Child mental” is one of those odd phrases that are captured only from the affiliation field, and not in the PubMed phrase index (and therefore not captured from the rest of the database). When you search it, you get results, so you’re misled into thinking the phrase is truly indexed”*.

Difference in terms of literature indexed in Medline and in Embase were dealt with by delegates at the end of the discussion.

Next stop of MeSH SIG group will be in Dublin next year: we hope to see a large number of participants and a lively discussion once more.



Figure 1. *The MeSH Special Interest Group in Seville, 2016.*

Report from Public Health Information Group's Meeting 15th EAHIL Conference Seville, 2016



Susan J. Thomas (a), Tomas Allen (b) and Katri Larmo* (c)

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(c) Terkko - Medical Campus Library, Helsinki University Library, Finland

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*in the photograph

The Public Health Information Group (PHIG) met on Thursday 9th June at the conference hotel Silken Al-Andalus Palace Piano Bar. Co-Chairs Tomas Allen (WHO, Switzerland) and Sue Thomas (Wales, UK) led the meeting, with 20 participants. We started with Tomas briefing the latest news from WHO. Just to mention some: there will be a new position in WHO EURO (P3 = UN System of classification of posts, <https://careers.un.org/lbw/home.aspx?viewtype=SC>) in Copenhagen. This is a significant upgrade from the previous post as there are more responsibilities in the area of publication as well as requirement to speak/work in Russian. WHO global digital library IRIS (<http://www.who.int/iris/>) is further expanding: there are now about 150 000 documents; globally, from all regional offices, in many languages. Gaby Caro (WHO, Switzerland) continued with presenting the Hinari (<http://www.who.int/hinari/en/>) training community. Everyone is encouraged to spread the word about Hinari and Research4Life programs. Here are some useful materials:

- presenting Hinari (12 slides) with explanatory notes on each slide
http://www.who.int/entity/hinari/training/Basic_Course/en/index.html
- the Research4Life programmes (25 slides) with some explanatory notes
<http://www.research4life.org/training/aboutr4lprograms/>

Ivana Truccolo (CRO National Cancer Institute, Italy) and her colleagues have yet again been doing an excellent work with patient information, so they have some new interesting publications to share:

- Truccolo I. Providing patient information and education in practice: the role of the health librarian. *Health Information and Libraries Journal*. 2016;33(2):161-6. DOI 10.1111/hir.12142.
- Truccolo I *et al.* Patient-centered cancer care programs in Italy: Benchmarking global patient education initiatives. *Journal of Cancer Education*. The Official Journal of the American Association for Cancer Education, 2016;31(2):405-12. DOI 10.1007/s13187-015-0805-4.

We also discussed about patient and consumer health information in different languages, especially in minority languages. Tomas will organize a WebEx follow up meeting on that topic. Sue presented the plans for EAHIL 2018 Cardiff Conference, on 9-13 July 2018. The venue is booked, LOC working and IPC members recruited, so everything is progressing well. We are looking forward to an interesting conference with lots of PHIG issues included in the program!

More details on our discussion can be read on the minutes, published on the Public Health Group's Slide Share: <http://www.slideshare.net/EAHILPHIG/eahil-2016-seville-public-health-group-minutes>

Warm thanks to the organizers of the successful EAHIL 2016 Seville Conference!

The Systematic Review Toolbox: finding software to support the systematic review process

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Systematic reviews are necessary to inform evidence-based practice in a wide range of disciplines, with health care being among the most established. Systematic reviews are often time and resource intensive. There are a number of tools available to assist in producing systematic reviews, but it can be challenging to keep up-to-date with the most recent developments in this area.

The Systematic Review Toolbox (SR Toolbox) is the first and, to-date, only dedicated web-based catalogue of tools to support systematic reviews (<http://systematicreviewtools.com/>). The resource was developed in response to a lack of easily accessible information about what tools were currently available. Since its launch in May 2014, the SR Toolbox has been received positively by the academic community (particularly across

The screenshot displays the SR Toolbox website. At the top, there is a blue navigation bar with the SR Toolbox logo on the left and links for 'About', 'Workshops', and 'Contact' in the center. On the right side of the navigation bar, there is a promotional banner for a workshop: 'Workshop: using software tools to support systematic reviews 6-7 October 2016' with a link to 'Click here for more information'. Below the navigation bar, the page is divided into two main sections: 'Quick Search' and 'Advanced Search'. The 'Quick Search' section includes a text input field for searching, a 'Search' button, and a section for tweets from @SRToolbox. One tweet from SR Toolbox mentions workshops with @YHEC1 on software tools for #systematicreviews running from October 6-7. Another tweet from Anthea Sutton mentions a #FOLIORaRE course. The 'Advanced Search' section features radio buttons for 'Software Tools' (selected) and 'Other Tools', and a link to 'Add a New Tool'. It includes dropdown menus for 'approach', 'discipline', and 'Cost'. Below these are checkboxes for 'features' to support, with 'OR' as an alternative. The features listed are: Protocol Development, Automated Search, Study Selection, Quality Assessment, Data Extraction, Automated Analysis, Text Analysis, Meta-Analysis, Report Write-Up, Collaboration, and Document Management. A 'Search' button is located at the bottom right of the advanced search section.

social media) and is actively used by many research staff and students in healthcare. The SR Toolbox has developed a high profile within the systematic review community, most notably establishing links with the Cochrane Collaboration, whose work is recognised as the international gold standard for systematic reviews. The resource was cited in the 2014 #CochraneTech symposium editorial (Elliot et al. 2014) and has been presented at a number of conferences and seminars. Furthermore, a webpage on support tools maintained by Cochrane (<http://tech.cochrane.org/revman/other-resources>) is no longer updated, and now refers visitors to the Systematic Review Toolbox instead.

The Toolbox will be valuable to information specialists supporting systematic reviews and systematic reviewers, because it provides easy access to review tools which might improve the efficiency of review production. The tools also have potential to be useful in supporting other types of research. The SR Toolbox supports all systematic reviews and is a multi-disciplinary resource and it can also be used as a teaching and learning resource. Information specialists providing resources to support their local systematic reviewers may wish to link to the Toolbox from wikis, websites, virtual learning environments, and resource guides. York Health Economics Consortium (YHEC), in association with the Systematic Review Toolbox, have organised two linked workshops in York, UK in October 2016, for researchers to learn about software tools currently available, and to share experiences of using tools in practice. The first workshop (Day 1) will review both commercial and not-for-profit systematic review management packages, with sessions from representatives of Covidence¹, DistillerSR² and EPPI-Reviewer³. The second workshop (Day 2) will review a range of free and commercial tools to support single tasks within the systematic review process.

The Toolbox editors welcome suggestions of new resources to add to the website and any other contributions to the development of the site: Contact Chris Marshall at chris.marshall@york.ac.uk

¹ <http://covidence.org/>

² <http://distillercer.com/products/distillersr-systematic-review-software/>

³ <http://eppi.ioe.ac.uk/cms/Default.aspx?tabid=3396>

[Collected during June to July 2016]



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The goal of this section is to have a look at references from non-medical librarian journals, but interesting for medical librarians. Acknowledgement to **Informed Librarian Online**

FREE ACCESS

1. Kotti Thavamani and P. Umamagheswar. **Directory of Open Access Journals: A scientometric study of surgery journals**

International Research: Journal of Library & Information Science Issue No. 1 (Mar. 2016), Volume No. 6

This research paper examines the surgery focused journals represented in the Directory of Open Access Journals (DOAJ) during 2003-2013. A total of 107 surgery journals were examined by journals published by country, journals by year commence publications, publications of journals by language, publication of journals by language patterns, subject headings of e-journals on surgery-related journals, interdisciplinary subjects identification of journals, journals by publication fees, licenses for published journals, publication of journals with EISSN and ISSN and publication of journals by institutions.

<http://irjlis.com/wp-content/uploads/2016/06/3-IR-294-61.pdf>

2. Arian Abdulla. **There's an App for that - HealthCare Apps: What professionals in healthcare are using**

Issues in Science and Technology Librarianship Spring 2016

The first handheld mobile phone was introduced in 1973 by Motorola (Lippi 2011). Since then, mobile phone technology has evolved at an unprecedented rate. Smartphones, as well as tablets, have had a tremendous impact on healthcare fields, enabling doctors, clinicians, and nurses to access information in new and innovative ways. This column familiarizes librarians with the latest apps that medical professionals use for patient education, clinical practice, and research. Many apps promote healthy living by enabling access to tools such as calorie counters, medical references, physician or hospital locators.

<http://www.istl.org/16-spring/app.html>

3. Misa Mi *et al.* **Health professions students' lifelong learning orientation: Associations with information skills and self efficacy**

Evidence Based Library and Information Practice Vol 11, No 2 (2016)

Objective: This study aimed to investigate the relationships among health professions students' lifelong learning orientation, self-assessed information skills, and information self-efficacy. Methods: This was a descriptive study with a cross-sectional research design. Participants included 850 nursing students and 325 medical students. A total of 419 students responded to a survey questionnaire that was comprised of 3 parts:

demographic information, the Jefferson Scale of Lifelong Learning (JeffSLL-HPS), and an information self-efficacy scale. Results: Findings of the study show a significant correlation between students' lifelong learning orientation and information self-efficacy. Average JeffSLL-HPS total scores for undergraduate nursing students ($M = 41.84$) were significantly lower than the scores for graduate nursing students ($M = 46.20$). Average information self-efficacy total scores were significantly lower for undergraduate nursing students ($M = 63.34$) than the scores for graduate nursing students ($M = 65.97$). There were no significant differences among cohorts of medical students for JeffSLL-HPS total scores. However, for information self-efficacy, first year medical students ($M = 55.62$) and second year medical students ($M = 58.00$) had significantly lower scores than third/fourth year students ($M = 64.42$). Conclusion: Findings from the study suggest implications for librarians seeking ways to advance the value and utility of information literacy instruction in educational curricula. As such instruction has the potential to lead to high levels of information self-efficacy associated with lifelong learning; various strategies could be developed and incorporated into the instruction to cultivate students' information self-efficacy.

<https://ejournals.library.ualberta.ca/index.php/EBLIP/article/view/26088>

4. Christopher K. Filson et al. **Knowledge management in indigenous medicine: The expected role of Ghanaian university libraries**

Library Philosophy and Practice (e-journal) 3-15-2016

Purpose: The main objective of this study is to find out the current way of preserving and disseminating information on indigenous medicine in Ghanaian university libraries. Methodology: The authors adopted the descriptive survey design, with the combination of purposive and simple random sampling technique to select the respondents. Para-professional and professional librarians and indigenous medicine practitioners were the major respondents. Two data collection instruments were used; namely questionnaire and interview. Quantitative data collected were analysed using simple tables with frequencies and percentages, while qualitative data were analysed thematically. Findings: Some of the findings are that apart from the Library of Kwame Nkrumah University of Science and Technology the remaining university libraries have little information resources on indigenous medicine since most of them have never thought of gathering documents on indigenous medicine. In addition, the study also indicated that some indigenous medicine practitioners want to keep to what they know, for fear of losing their intellectual property right others. Originality: Although a great deal has been written about the importance of knowledge management relatively little attention has been paid to how knowledge creation process of indigenous healthcare can be managed, hence the need for the university library which serves as a repository of knowledge transmission to assist in the dissemination of knowledge on indigenous medicine.

<http://digitalcommons.unl.edu/libphilprac/1388/>

ABSTRACTS ONLY

1. Mangala Krishnamurthy & Connie Stovall. **Nursing and allied health resources – Patron driven acquisition, a pilot at the University of Alabama Libraries**

The Serials Librarian Volume 70, Issue 1-4, 2016 pages 318-324

This article is a report of a session presented by Mangala Krishnamurthy and Connie Stovall (a contributor to the presentation) of the University of Alabama Libraries at the 2015 North American Serials Interest Group conference. A patron-driven acquisition (PDA) pilot project was initiated in fall 2013 at the University of Alabama (UA) Libraries mainly serving the Nursing and Allied Health subject areas. Since the Capstone College of Nursing at UA offers an online Doctor of Nursing Practice program and partners with two other schools in the UA system, UA Libraries collaborated with the other libraries in the University System. The project uses Rittenhouse's R2 Digital Libraries' PDA module as the basic platform. The Capstone College of Nursing liaison discussed in detail the selection, management, assessment, promotion, and communication part of the project in addition to second year plans for the project.

<http://www.tandfonline.com/doi/abs/10.1080/0361526X.2016.1157009>

- 2. Ifeanyi J. Ezema & Omwoyo Bosire Onyancha. A bibliometric analysis of health and medical journals: Issues in medical scholarly communication in Africa**
Serials Review Volume 42, Issue 2, 2016 pages 116-128
The study was conducted to examine the scholarly impact of health and medical journals in Africa. A descriptive informetric research approach was used to analyze 134 health and medical journals hosted in the African Journal Online (AJOL) database. Harzing's Publish or Perish (PoP) software was used to extract publication and citation indicators of the journals. These indicators include number of citations, number of paper publications, cites per year, cites per paper, and the h-index of the journals. The performance of the journals was equally examined in other major databases like Thomson Reuters and Scopus. Findings reveal that only 20 African countries contributed health and medical journals to the AJOL database, with Nigeria and South Africa producing nearly 70% of the journals. A ranked list of 29 journals was developed, with South African Medical Journal and African Health Sciences ranking highest in the list, respectively. Only 14 of the journals were found in Thompson Reuters, while Scopus indexes only 38.8% of the journals. These findings challenge the criteria Thompson Reuters and Scopus use in the selection of journals for their databases.
<http://www.tandfonline.com/doi/full/10.1080/00987913.2016.1182881>
- 3. Lindsay Harris. South Australian hospital libraries 1956-1980: an incomplete history**
The Australian Library Journal Volume 65, Issue 2, 2016, pages 92-106
This review of the early history of South Australia's hospital libraries describes the social, educational and administrative factors that produced an unprecedented growth in the number and role of libraries in the state's public hospitals between 1956 and 1980. It also identifies some of the individuals who played a leading part in the development of hospital libraries during this period.
<http://www.tandfonline.com/doi/full/10.1080/00049670.2016.1160852>
- 4. Christy Jarvis and Joan M. Gregory. Get it? Got it. Good!: Utilizing Get It Now article delivery service at a health sciences library**
Journal of Electronic Resources Librarianship Volume 28, Issue 2, 2016
With journal price increases continuing to outpace inflation and library collection funds remaining stagnant or shrinking, libraries are seeking innovative ways to control spending while continuing to provide patrons with high-quality content. The Spencer S. Eccles Health Sciences Library reports on the evaluation, implementation, and use of Copyright Clearance Center's Get It Now article delivery service as a substitute for initiating new journal subscriptions over a 3-year period, from 2012 to 2015.
<http://www.tandfonline.com/doi/full/10.1080/1941126X.2016.1164556>
- 5. Tuelo Ntlotlang et al. The role of libraries in the dissemination of health information in Botswana: A study of Mochudi and Molepolole public libraries**
Library Review Volume 65, Issue 4/5 2016
Purpose: This paper aims to investigate the role of public libraries in the dissemination of health information in the southern part of Botswana, namely, Kgatleng and Kweneng districts. It also explored how these libraries market health information services to the community they serve. The study also used health information acquisition model to get an understanding on how public library users seek health information. Design/methodology/approach: The survey research design was chosen for the study and purposive sampling procedure was used to obtain the sample size of the population. The sample size consisted of 120 respondents and six interviewees. Data were collected from both library staff and users using questionnaires and interviews. Findings: The results of the study showed that public libraries are striving to provide accurate and useful health information to members of the community by collecting and availing both print and electronic health information sources. The findings further indicated that public libraries have marketing programmes that they use on raising awareness of health information to their clientele. The marketing programmes include outreach, library brochures/leaflets, newsletters and library exhibitions. The results of the study also showed that there were some challenges that hindered the library users to access and

use health information (e.g. lack of appropriateness of information resources and limited number of health information sources). Originality/value: For a better dissemination of health information, public libraries should establish working relationships with health agencies and communication organisations or media houses with the objective of cooperative developments of collections, referrals and shared training.

<http://dx.doi.org/10.1108/LR-05-2015-0051>

6. Special issue: Health information literacy

Reference Services Review Volume 44, issue 2, 2016.

Health literacy: a natural role for librarians; Hispanics and public libraries: Assessing their health information seeking behaviors in the e-health environment; Health literacy education: the impact of synchronous instruction; Promoting health literacy within a graduate-level nutrition curriculum; A librarian's role in media effects health literacy; Health literacy and information literacy: a concept comparison; Health information: print materials assessment in public libraries; A conceptual approach to practitioners' health information literacy; Health literacy and libraries: a literature review; Improving health literacy: health sciences library case studies

<http://www.emeraldinsight.com/toc/rsr/44/2>

7. Piotr Konieczny. Teaching with Wikipedia in a 21st-century classroom: Perceptions of Wikipedia and its educational benefits

Journal of the Association for Information Science and Technology Volume 67, Issue 7, pages 1523-1534, July 2016

This article explores the current perception of Wikipedia in academia, focusing on both the reasons for its unpopularity among some and the reasons for its growing acceptance among others. First, the reasons that Wikipedia is still struggling to gain acceptance among many academics and higher education professionals are identified. These include common misconceptions about Wikipedia, doubts about its quality, uneasiness with the challenge that it poses to the traditional peer-review system, and a lack of career-enhancing motivations related to using Wikipedia. Second, the benefits of teaching with Wikipedia for educators, students, and the wider society, as discussed in the current teaching literature, are explored. Finally, the article presents an argument for using Wikipedia in a variety of ways to help students develop critical and academic writing skills.

<http://onlinelibrary.wiley.com/doi/10.1002/asi.23616/abstract>

8. Stephen Pinfield et al. The “total cost of publication” in a hybrid open-access environment: Institutional approaches to funding journal article-processing charges in combination with subscriptions

Journal of the Association for Information Science and Technology Volume 67, Issue 7, pages 1751-1766, July 2016

As open-access (OA) publishing funded by article-processing charges (APCs) becomes more widely accepted, academic institutions need to be aware of the “total cost of publication” (TCP), comprising subscription costs plus APCs and additional administration costs. This study analyzes data from 23 UK institutions covering the period 2007-2014 modeling the TCP. It shows a clear rise in centrally managed APC payments from 2012 onward, with payments projected to increase further. As well as evidencing the growing availability and acceptance of OA publishing, these trends reflect particular UK policy developments and funding arrangements intended to accelerate the move toward OA publishing (“Gold” OA). Although the mean value of APCs has been relatively stable, there was considerable variation in APC prices paid by institutions since 2007. In particular, “hybrid” subscription/OA journals were consistently more expensive than fully OA journals. Most APCs were paid to large “traditional” commercial publishers who also received considerable subscription income. New administrative costs reported by institutions varied considerably. The total cost of publication modeling shows that APCs are now a significant part of the TCP for academic institutions, in 2013 already constituting an average of 10% of the TCP (excluding administrative costs).

<http://onlinelibrary.wiley.com/doi/10.1002/asi.23446/abstract>

Publications and new products



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*Dear friends and colleagues,
summer holidays inspire something lighter. Therefore, I believe you won't mind if I suggest an unusual but interesting topic. Enjoy the read!*

Five Days, Five Science Plays. Seattle-based science writers and playwrights collaborated to produce theatrical works in a week.

How do you get applause, cheers, and whoops for a science talk? Make it the prologue to a play. This was the hypothesis tested by Centrifuge (<http://www.infinitybox.org/index.html>), an experiment in science and theatre conducted last June by Seattle's Infinity Box Theatre Project. An established protocol was used: five 10-minute science plays generated over five days.

On Monday, June 20, participants assembled at the North Seattle College theatre. Five science writers –journalists, public information officers, bloggers, and book authors – were randomly paired with a playwright. Each participant was invited to submit ideas for a theme to inform the works, and one was chosen at random: “ready about and hard to lee.”

The writers discussed recent research news that might inspire their pieces. Playwrights were given a random number of characters and two days to deliver a script. Wednesday night (June 22), the group reconvened. Science writers answered playwrights' questions, such as “Could a spaceship crashing into an asteroid knock the celestial object off course?” and “How thick is the ice on an ice shelf?” Actors and directors were then randomly assigned to plays. Actors started learning lines, designers planned sets, and directors arranged lighting and sound.

Two days later (June 24), the five resulting plays premiered. The 5 plays/5days formula skips full rehearsals and previews, so Friday's audience was the first to see all five plays in their entirety.

Before each production, the science writer introduced the play. Some used charts and diagrams. Some simply shared a fascinating research story. The results of this theatrical experiment supported the Infinity Box team's hypothesis. The audience, primed to hear stories of love and adventure, laughter and tears, enthusiastically embraced the scientific presentations.

*Science drove the playwrights' plots. Their works incorporated recent findings about frog mating, asteroids, *Homo floresiensis*, climate change, and Alzheimer's disease. People assumed amphibian sexual positions. Penguins wrung their flippers over rising temperatures. A doctor used the phrase “ready about and hard to lee” to explain how people with dementia perform habitual tasks using procedural memory.*

*David Mills, artistic director of Infinity Box, plans to repeat the experiment next year. “The time constraints and random elements set limits and defined expectations that helped everyone be freely creative,” he told *The Scientist*. “They set everyone up to be amazed at the final product.” Exhausted, exhilarated participants endorsed the hurried process. Participant science writers said that the experience was an exercise in the first rule of communication: consider your audience.*

JOURNAL ISSUES

Health Information and Libraries Journal: Contents of September issue 2016

Editorial

Becoming business critical: knowledge for healthcare.

S. Lacey Bryant, D. Stewart, L. Goswami

Review Articles

Demonstrating the financial impact of clinical libraries: a systematic review.

A. Madden, P. Collins, S. McGowan, P. Stevenson, D. Castelli, L. Hyde, K. DeSanto, N. O'Brien, M. Purdon, D. Delgado

Original articles

The Health and Libraries of Public Use Retrospective Study (HeLPURS).

S. Zager, A. Haskins, K. Maland, C. Holt

Information-seeking behaviour and information needs of LGBTQ health professionals: a follow-up study.

M. Martin, K.R. Roberto

A profile of inactive information seekers on influenza prevention: a survey of healthcare workers in Central Kentucky

S. Kim, K. Real

Regular features

Dissertations into practice.

Empowering international nursing students to become effective library users.

Thomas G, Preston H

International perspectives and initiatives

International Trends in Health Science Librarianship Part 19: The Balkan States (Bulgaria and Croatia).

S. Kirilova, L. Skoric

Learning and Teaching in Action

International collaboration in learning and teaching: perspectives from a visiting professor.

H. Spring, M. Kunkel, I. Gilman, N. Henderson, J. White

FROM THE WEB

• **Medical Librarians Annual Conference in Bern**

The programme of the annual one-day conference of the Swiss Academy of Medical Sciences for medical librarians that will take place in Bern on Friday, Sep. 9th includes talks on three big topics: the national license for the Cochrane Library which the SAMS launched in January; search methodology for systematic reviews, and what librarians are able to contribute to it; and recent progress in the field of Open Science. The whole afternoon will then be given over to a topic of great concern to the profession as a whole, but also to each participant personally: the professional education. While a lucky few may have been introduced to systematic literature searching, or critical appraisal, through an induction scheme as some medical libraries in the UK or Scandinavia offer, the most have been left to their own devices. So, is there a need for a postgrad degree course in 'Medical Librarianship'? What knowledge

and skills would such a course have to cover? In which format could it be delivered? For details and to register, please see <http://www.samw.ch/de/Aktuell/Agenda.html?p=00>. There is no registration fee.

- The **Evidence Based Library and Information Practice Conference, EBLIP9** is a biennial conference designed to promote the use of best available evidence to improve library and information practice in libraries of all types. It aims to bring together practitioners, researchers and students involved in critical and reflective information practice to think through new ways to address contemporary issues of evidence based practice in less isolated, more collaborative, ways. The first EBL(IP) Conference took place in Sheffield, UK in 2001. The success of this conference led to further successful conferences in Edmonton (Canada, 2003), Brisbane (Australia, 2005), Chapel Hill (USA, 2007), Stockholm (Sweden, 2009), Salford (UK, 2011), Saskatoon (Canada, 2013), and Brisbane (Australia, 2015). Based on the criteria for selection including the location, facilities, regional and national support, the strength of the organizing team and unique selling points, the 2017 edition has been awarded to Philadelphia, USA. "Drexel University is delighted to host the Ninth International Evidence Based Library and Information Practice Conference" said John Wiggins, co-chair of the Local Organizing Committee. "We look forward to a dynamic and engaging Conference that will stimulate and excite new and existing EBLIP research community members." Philadelphia was commended for the overall quality of its proposal including a good understanding of the requirements of the conference and excellent support for the EBLIP movement. Queries about EBLIP9 can be directed to EBLIP9@drexel.edu
- The open access **European Food Safety Authority Journal (EFSA)** has published a special issue with the main outcomes of EFSA's 2nd Scientific Conference "Shaping the Future of Food Safety, Together" held in Milan, on 14-16 October 2015. The event was a unique opportunity for stakeholders in Europe's food regulatory system – policy makers, risk assessors, scientists and NGOs – to identify future challenges for food safety risk assessment in Europe. Over 1000 delegates came together in what proved to be a stimulating and insightful debate on global food safety concerns. The discussions covered an impressive range of topics and provided inspiration for EFSA's Strategy 2020. The conclusions will help EFSA and the wider risk assessment community to chart a course in food safety risk assessment in the coming years. The special issue of the EFSA Journal reflects the conference's three plenary and nine parallel sessions and is accompanied by a Foreword from EFSA's Executive Director, Bernhard Url. All the conference material that was published on the conference's dedicated microsite will be archived on EFSA's website. This includes the programme, webcasts, recordings and video clips that will continue to be publicly available and linked to the special issue of the EFSA Journal (<http://www.efsa.europa.eu/sites/default/files/EFSAJournalSupplement1.pdf>).
- **UK Copyright Literacy. Decoding copyright and bringing you enlightenment.** Copyright Literacy is defined as "Acquiring and demonstrating the appropriate knowledge, skills and behaviours to enable the ethical creation and use of copyright material." The UK Copyright Literacy website (<https://ukcopyrightliteracy.wordpress.com>) is for everyone interested in fostering a better understanding of copyright and intellectual property rights issues in the UK. It is aimed primarily at people with responsibility for communicating and modelling ethical practices relating to copyright and related rights, such as librarians, archivists, curators, teachers, researchers and copyright support staff. However, it is intended to promote enlightened conversation on the subject for anyone whose professional or personal life is significantly affected by copyright. The founders believe 'copyright education' is not about telling people what they cannot do, or telling only one side of the story. It should be empowering and help people make their own informed decisions through understanding their rights and understanding the relationship between licenses and copyright exceptions in a practical context.
- Founded in 1989, the **European Association for International Education, EAIE**, is the acknowledged European Centre for expertise, networking and resources in the internationalization of higher education. The Annual Conference 2016, the 28th, has the theme: "Imagine...". John Lennon had a dream of a world at peace. International educators have a dream of higher education transcending

national borders, nurturing global citizens and moving closer to attaining freedom, equality and peace around the world. This year the Conference will take place in Liverpool, UK, 13-16 September. The programme includes over 170 sessions and over 20 networking events.

E-LEARNING

The European Alliance for Innovation (EAI) is a community of ICT innovators working together to make a better world, find and share great ideas towards the Innovation revolution. It is led by top minds from the highest levels of government, research, industry and academia as well as from the grass-roots of the innovation community. As part of the EAI conference series, the **3rd EAI International Conference on e-Learning e-Education and Online Training** will take place from August 31 to September 2, 2016 in Dublin, Republic of Ireland.

As the world of technology offers a rapidly increasing number of outlets for creativity and communications, the world of education is undergoing a significant renovation. Each day more classrooms can be accessed from anywhere, at any time. This year's conference aims at exploring e-learning solutions that spark the attention as well as imagination of students through interactivity, immersion, variety of content, or cutting-edge technologies. All accepted papers will be published by Springer and made available through SpringerLink Digital Library, one of the world's largest scientific libraries. The works that will be presented at eLEOT 2016 will focus on the following topics:

- Accessibility and usability of web-based instruction
- Assessment
- Augmented reality solutions
- Best practices
- Big data in e-learning
- Blended learning
- Collaborative learning and social networks
- High-impact practices in e-learning
- Informal e-Learning solutions
- Learning analytics
- Massive open online course
- Mobile learning
- Security and privacy in education and e-learning systems
- Social and organizational perspectives
- Student engagement
- Teaching/educational models, frameworks and platforms
- Virtual learning environments

BOOKS REVIEW

Copyright and E-learning: a guide for practitioners. Jane Secker with Chris Morrison. Second Edition (June 30, 2016). ISBN-10: 1783300604 (ISBN-13: 978-1783300600). \$103.19 (Hardcover). \$87.60 (Paperback). Facet Publishing. 192 pp.

Jane Secker (B.A., Ph.D., PGCertHE, FHEA) is Copyright and Digital and Literacy Advisor at LSE, where she has responsibility for the digital literacy programme for staff and PhD students. Chris Morrison is the Copyright and Licensing Compliance Officer at the University of Kent, responsible for copyright policy, licences, training and advice. He was previously the Copyright Assurance Manager at the British Library and before that worked for music collecting society PRS for Music. Jane Secker has completely revised and updated this highly successful text, first published in 2010 by Facet Publishing, to take into account all the recent developments in the field. Through its practically based overview of current and emerging copyright

issues facing those working in e-learning, this book will help to break this barrier down and equip professionals with the tools, skills and understanding they need to work confidently and effectively in the virtual learning environment with the knowledge that they are doing so legally. New and developing services, software and other technologies are being adapted in e-learning environments to engage students and academic staff. These technologies present increasing challenges to IPR and legal issues and this book will help librarians and educators to meet them. Key topics addressed include: Who owns the rights in works that are the product of collaboration?; What do you do if you can't find the rights holders?; The legal risks associated with Web 2.0; Digitizing published content for delivery in the VLE; Using multimedia in e-learning; Copyright issues and "born" digital resources; Copyright in the emerging digital environment of Web 2.0; Copyright training for staff. This book is essential reading for anyone working in education including learning support staff and teachers using e-learning, learning technologists, librarians, educational developers, instructional designers, IT staff and trainers. It is also relevant for anyone working in the education sector from school level to higher education, and those developing learning resources in commercial organizations and the public sector including libraries, museums and archives, and government departments.

NEWS

Internet Librarian - 20th Anniversary

Internet Librarians have been on the leading edge for 20 years. What makes them different? They are innovative, willing to take risks and try different technologies before they hit the mainstream – they take actions and have an impact on their communities. They share their experiments and learnings so the information profession as a whole continues to expand, improve their techniques and processes and have a positive impact on their various communities, whether those communities are college or university campuses, municipalities or counties, hospitals, law firms, governments, organizations or non-profits. Continuous innovation, transformation and excellence are the goals of all Internet Librarians. Joining in October 17-19 in Monterey, California, US (<http://internet-librarian.infotoday.com/2016>), will give the opportunity to gather insights and ideas to ignite imaginations and spark innovation.

Who should attend? Academic, public, corporate, government, special, and school librarians, library directors and executives, Information managers, information architects and specialists, researchers, information professionals.

FORTHCOMING EVENTS

August 31-September 2, 2016, Dublin, Republic of Ireland

3rd EAI International Conference on e-Learning e-Education and Online Training

For further information: <http://eleot.org/2016/show/home>

September 9, 2016, Bern (Uni Tobler, Lerchenweg 36)

Medical Librarians Matter for Evidence Based Medicine

4th National gathering (Meet&Greet) of Swiss medical librarians

For further information: <http://www.samw.ch/de/Aktuell/Agenda.html?p=00>

September 13-16, 2016, Liverpool, UK

28th Annual EAIE Conference and Exhibition

For further information: <http://www.eaie.org/liverpool.html>

October 3-6, 2016, Bern, CH

13th International Conference on Digital Preservation

For further information: http://www.ipres2016.ch/frontend/index.php?folder_id=349

October 6-7, 2016, Madrid, Spain

**ISA – Interoperability Solutions for European Public Administrations
4th International Open Data Conference**

For further information: <http://www.iodc2016.es/en>

**October 17-19, 2016, Monterey, California, US
Internet Librarian 2016**

For further information: <http://internet-librarian.infotoday.com/2016/>

**October 18-19, 2016, London, UK
Internet Librarian International. The Library Innovation Conference**

For further information: <http://internet-librarian.com/2016/>

**2017, Philadelphia, USA
9th International Evidence Based Library and Information Practice (EPLIB9) Conference**



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integrating, inspiring and innovative

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Welcome

The theme of the 12th International Congress on Medical Librarianship and the 2017 EAHIL Workshop is *Diversity in Practice: integrating, inspiring and innovative*. Through a series of plenary and parallel sessions and workshops the scientific programme will cover the following sub themes:

- Leadership & Values
- Integration
- Technology
- Education & Learning
- Consumer Health
- Research & Evidence-based Librarianship

Important Dates



May 2016
Call for
Abstracts



30 September 2016
Deadline for
Submissions



January 2017
Opening of
Registration



March 2017
End of Early
Registration

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WHAT IS EAHIL?

The European Association for Health Information and Libraries (EAHIL) is an active non-profit professional association uniting and motivating librarians and information officers working in the medical and health science libraries in Europe.

Founded in Brighton, UK in 1987, EAHIL seeks

- to encourage professional development
- to enable exchanges of experience amongst its members
- to improve cooperation among health care libraries
- to strengthen links with medical and health libraries in Eastern and Central Europe
- to raise standards of provision and practice in the healthcare and medical research libraries
- to keep health librarians and information officers professionally informed
- to encourage mobility and continuing education
- to represent health librarians at European level, particularly at European institutions and WHO

THE JOURNAL OF EAHIL

The Journal of EAHIL (JEAHIL) is the quarterly official journal of the Association, available online. Printed copies on request.

JEAHIL publishes

- original articles
- reviews
- theme issues
- news from EAHIL
- meeting reports
- special interest groups reports
- opinion and discussion papers
- news from other medical library associations (such as US MLA)

MEMBERSHIP OF EAHIL

Membership of EAHIL is free for European biomedical information professionals (librarians and similar people).

Application of membership use: www.formdesk.com/EAHIL/membership

New members, please check the button "New visitors"

HOW TO PUBLISH IN JEAHIL

Original manuscripts should be submitted to Chief Editor Federica Napolitani at

federica.napolitani@iss.it; *Instructions* and a *Checklist for Authors* are available at www.eahil.eu

RECENT THEME ISSUES

- The librarian of the future: education, skills, expectations
- Use of mobile and technologies in medical libraries
- Marketing and impact of libraries
- Open science 1: Open access

FUTURE THEME ISSUES

2016

December: Education and training for medical librarians

2017

March: no theme issue

June: Open science 2: research data

EAHIL CONFERENCES

ICML + EAHIL Workshop "Diversity in Practice: Integrating, Inspiring & Innovative"

12-16 June 2017, Dublin, Ireland - <http://www.EAHIL2017.net>



INSTRUCTIONS FOR AUTHORS JEAHIL

JEAHIL is the official Journal of the European Association for Health Information and Libraries (EAHIL). It publishes original articles, reviews, theme issues and brief communications in the field of health information and libraries. It also publishes news from EAHIL and from other medical library associations, meeting reports, product reviews, opinion and discussion papers and news items. The aim of the European Association for Health Information and Libraries is to unite and motivate librarians and information officers working in medical and health science libraries in Europe. EAHIL encourages professional development, improves cooperation and enables exchanges of experience amongst its members.

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Manuscripts should be submitted by the corresponding author electronically to the Chief Editor, Federica Napolitani, federica.napolitani@iss.it, accompanied by a presentation letter. Articles presented for publication on JEAHIL must be original and will be submitted to qualified referees before publication. Authors of submitted papers must accept editing and reuse of published material by EAHIL including electronic publishing on the EAHIL website. Reproduction of articles or part of them should be previously authorized.

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- Manuscripts should be written in good English and as concisely as possible to allow a clear understanding of the text. They should be typed double-spaced and with wide margins - font size 12 points, Times New Roman.
- The title should be followed by the complete name of the Authors, by their affiliation in English (town and country included) and by the "Address for correspondence" (author, address, email of the corresponding author).
- The recommended length for original articles is about 1000-2000 words (4-8 A4 pages) with no more than 20-25 references.
- Original articles should be accompanied by an abstract of up to 120 words and should also include key words, up to a maximum number of five MeSH terms (www.nlm.nih.gov/mesh/MBrowser.html).
- Avoid numbering in titles and subtitles; write titles in bold, subtitles in italics. Latin or foreign words should be in italics.
- Abbreviations should be spelled out in full the first time they occur in the text, followed by the shortened term in parentheses.
- All references in the text must be numbered in brackets and listed at the end of the article. They should be written in Vancouver style according to Uniform Requirements for Manuscript Submitted to Biomedical Journals (www.icmje.org/).
- For sample references refer to: www.nlm.nih.gov/bsd/uniform_requirements.html
- For abbreviations of periodicals refer to PubMed Journals Database (www.pubmed.gov).
- Extended quotations and illustrations previously published should be authorized for reproduction in JEAHIL by the Authors and previous Publisher.

Tables and figures

Tables and figures should always be accompanied by a legend, and be understandable without reference to the text. Numbered in Arabic numerals they should be cited in the text in round brackets and be of appropriate size for reproduction.

Submission in electronic format

All manuscripts should be submitted together with an accompanying letter in electronic format. The text should be written in Word or RTF format. Figures and photos (in separate files) should be saved in JPEG, GIF or TIFF and have a resolution of at least 300 dpi.

Please note

These Instructions to Authors are in accordance with the Uniform Requirements for Manuscripts Submitted to Biomedical Journals, published by the International Committee of Medical Journal Editors (www.icmje.org/).

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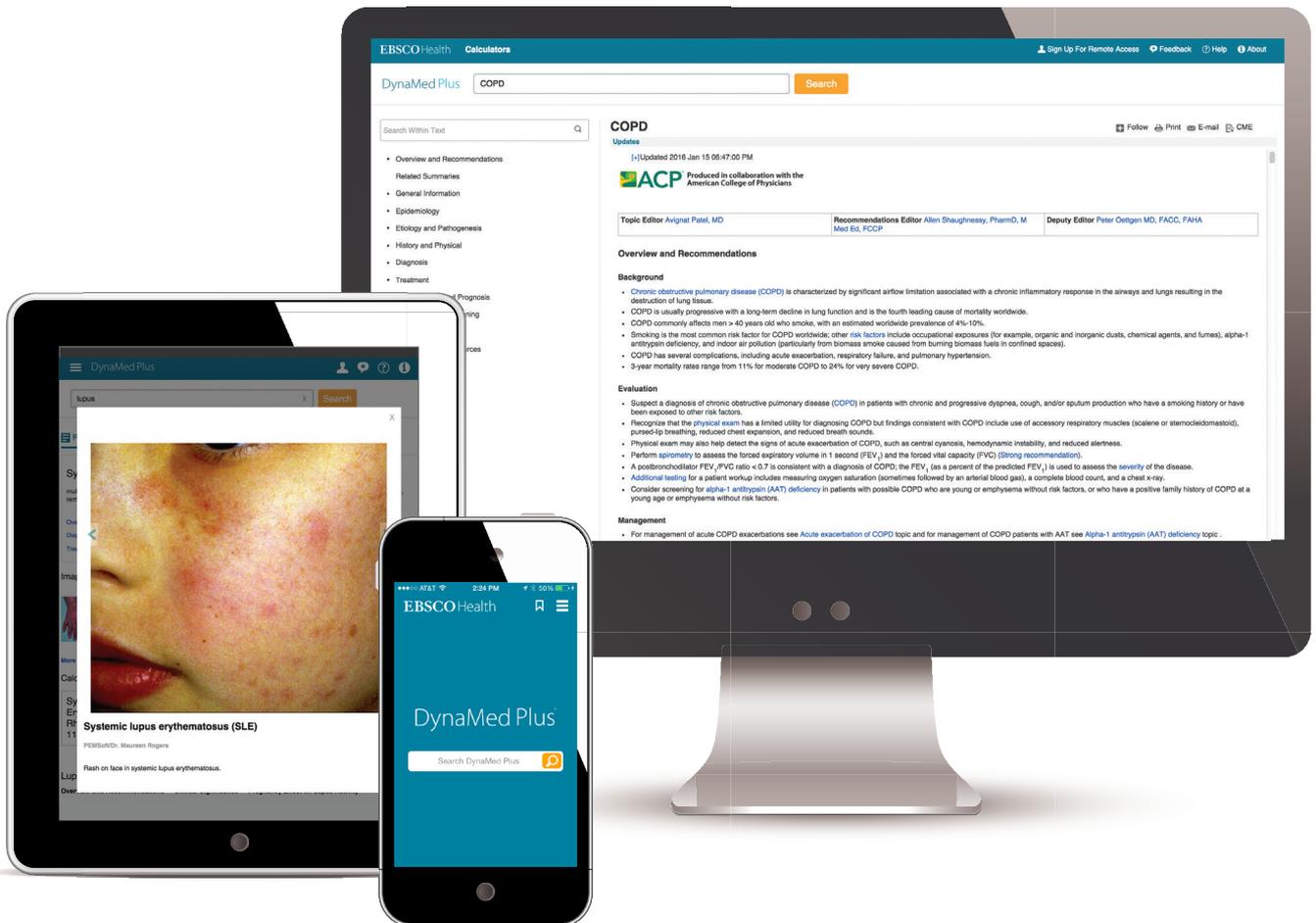
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