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Journal of EAHIL

European Association for Health Information and Libraries

Vol. 19 no.1

March 2023

ISSN L-1841-0715

The production of this journal
was made possible by the generous support of:

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Journal of the European Association for Health Information and Libraries

Vol. 19 No. 1 March 2023

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Editorial

Federica Napolitani
Editor in Chief
Istituto Superiore di Sanità, Rome, Italy
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This *JEAHIL* issue published in March welcomes contributions on diverse topics in the areas of interest of the journal. This time, three excellent original articles are published by EAHIL members who wished to share their knowledge, experience, and advice. I hope other members will follow their example and submit a paper to publish in the next issues of the journal. The benefits of collaboration and connection among members are immense, especially in our rapidly evolving world.

The first article by Heli Vilja-Sarromaa starts with a practical question: How can the library improve students' information retrieval skills? While reporting the experience of the LUT Academic Library, Finland, the Author describes the different kind of services provided by the library to strengthen the students' skills, from the use of specific guides (LibGuides) – the latest one being the Information retrieval toolkit – to the constructive cooperation between teaching professors and the library staff. As information seekers, are the students in your own library like "Susan Superhero, Susan Struggler or Susan Survivor"? Read the paper to know more about these information seeker characters created through service design.

The second article is by Maria Alessandra Falcone, Ornella Ferrari, Paola Ferrari, Donatella Gentili and Maria Salvatorina Graziani, members of the Working Group of the Rare Book Collection in the Library at the Italian National Institute of Health, Italy. They lead us to discover the treasures of this important collection owned by the Institute and consisting of over 1,200 scientific printed volumes published between the XVI and the XIX century. Among the different roles of librarians is certainly the preservation and promotion of cultural heritage.
The third paper is by Abigail Heath and Michelle Wake and describes the work of the UCL School of Pharmacy in supporting the School's 180th anniversary celebrations, whilst reflecting on the challenges and opportunities the library has faced over the years. Space, collection management, information literacy, non-traditional support, post-COVID developments and AI have all developed and made an impact.

While browsing this March issue, please don't miss the Letter from the President and the other columns!

I would now like to give you some news about changes that occurred last year (2022) in the Editorial Board and in the Journal. News that will be included in the Annual Report to be presented at the EAHIL Executive Board meeting and at the Annual General Assembly during the EAHIL 2023 Workshop "Radical Positive Change Agents", 12-16 June 2023, Trondheim, Norway.
During the summer 2022 Letizia Sampaolo left the Editorial Board and Annarita Barbaro, who works in the Library at the same Institute, took her place as member of the Board and editor of the column on Publication and new Products (as announced in my previous Editorial). During the year, Petra Wallgren-Björk announced that she would leave the Board in December and Maria-Inti Metzendorf (Heinrich-Heine-University, Düsseldorf), has joined it in January 2023. Along with the whole Editorial Board I wish to thank Petra

Wallgren-Björk for all her work and dedication for the journal and I am delighted to give a big welcome to Maria-Inti Metzendorf. Maria-Inti attended her first EAHIL workshop in Stockholm in 2013 with a scholarship from EBSCO. She is an Information Scientist based at the Institute of General Practice at the Medical Faculty of the University of Düsseldorf, Germany. Her interests include information retrieval methods for evidence synthesis production as well as teaching search methods to medical students, physicians, researchers, and information specialists. She is also an Associate Editor of *BMJ* Evidence-Based Medicine.

JEAHIL Editorial Board now comprises:

- Federica Napolitani Cheyne, Rome, Italy (Editor in Chief)
- Annarita Barbaro, Rome Italy
- Gerhard Bissels, Goldau, Switzerland
- Fiona Brown, Edinburgh, Scotland
- Katri Larmo, Helsinki, Finland
- Maria-Inti Metzendorf, Düsseldorf, Germany
- Michelle Wake, London, UK

The Board met online several times in 2022 with the aim to better define the roles of each member in the publication process and lighten the burden of the future EiC, as well as to discuss and meet possible candidates interested in taking the role. A call for a new EiC was put online and disseminated as far as possible. I wish to thank Petra and each member of the Editorial Board for their commitment to this specific task.

One last thing, the June issue will be dedicated to the theme: "A look to the future. How do medical librarians view the future" (deadline 5 May). If you have any thoughts about this delicate and interesting subject, please contact me or any other member of the Board.

Best wishes to you all
Federica

The Rare Book Collection of the Library of the Italian National Institute of Health: from the past to the present

Maria Alessandra Falcone, Ornella Ferrari, Paola Ferrari, Donatella Gentili and Maria Salvatorina Graziani
Working Group of the Rare Book Collection of the ISS Library

Abstract
The Library of the Istituto Superiore di Sanità (ISS), the Italian National Institute of Health, is the main library for public health and biomedical research in Italy and holds a small but valuable special collection of ancient books. Known as the Rare Book Collection, this fund consists of over 1200 scientific printed volumes published between the XVI and the XIX century. The purpose of this paper is to illustrate the challenges and the process undertaken by the Library to share and digitalize this Collection.

Key words: *libraries, medical; rare books; book collecting; digital technology; Italy.*

Introduction

The Library of the Istituto Superiore di Sanità (ISS) is the main documentation centre for public health and biomedical research in Italy and since 1934, the year of the Institute's foundation, it supports its activities and makes its scientific heritage accessible to the research community.

The Library holdings mainly consist of periodicals in print and/or electronic format, publications by national and international institutions and organizations, pharmacopoeias, official publications, health legislation, textbooks, grey literature and much more. The ISS Library also collects and disseminates the World Health Organization publications that the Library receives as the Italian WHO Documentation Centre.

In addition to all these documents the Library holds a special collection (*Figure 1*), commonly known as the Rare Book Collection (1) that consists of over 1,200 ancient printed books (XVI-XIX centuries), as well as about one hundred books, published in the same period, on Italy's mineral waters the "Italian Mineral Waters Collection" (2).

The Rare Fund also possesses 17 anatomical sketches, more precisely myologic studies, drawn by the famous Italian sculptor Antonio Canova (Possagno 1757 - Venezia 1822) probably between 1776 and 1779, in his youth. The artist used black carbon to draw the ten-

Fig. 1. *Félix Vicq D'Azyr (1748-1794). Traité d'anatomie et de physiologie …, 1786.*

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Journal of EAHIL 2023; Vol. 19 (1): 4-7 doi: 10.32384/jeahil19550

dons and the adjoining anatomical parts, while sanguine (hematite, red ochre) was used for the muscles.

The Rare Book Collection

The Collection mainly covers medical and health-related subjects such as anatomy, general pathology, hygiene, pharmacy, pharmacology, medical and officinal botany, veterinary and entomology (*Figure 2*), but it also includes books on physics, natural and applied sciences as well as a few volumes on literary and historical topics. Many works are by the major medical and scientific authors including Hyppocrates, Galen, Avicenna, Mattioli, Mercurial, Vesalius., Morgagni, Redi, Vallisneri, Lancisi etc. Several editions are notable for their rarity, historical value, beautiful engravings, and the importance of their printers: Gryphius, Froben, Valgrisi, Blado, Giunta, Giolito, Albrizzi, Pasquali and others.

Fig. 2. *Pierre André Latraille (1762-1833). Histoire naturelle, générale et particulière, des crustacés et des insectes …, [1801-1805].*

Sharing our cultural resource

For many years this Collection was unknown to the public. The chance for sharing this precious heritage arose in 2008 when a specific project (3) – "The medical-health collection of Rare Books of the Library of the Istituto Superiore di Sanità (XVI-XIX centuries) from print to online" – was developed by the Library, thanks to a co-financed grant from ISS and the Italian Ministry of Education, Universities and Research (Ministero dell'Istruzione, dell'Università e della Ricerca, MIUR).

This project (2008-2010) allowed the release and the diffusion of the Collection through its online cataloguing and the publication of a Catalogue of the whole collection in the series *I beni storico-scientifici dell'Istituto Superiore di Sanitá* (vol. 1 and vol. 2) (4). For this purpose, the Working Group of the Rare Book Collection of the ISS Library was created in 2009, composed by ISS librarians who are expert in the study, preservation, cataloguing and enhancing of this special collection.

Fig. 3. *Francisco Javier Balmis (1753-1819). Specifico antivenereo …, 1795.*

The Working Group reached the goal of promoting and sharing this notable heritage, hidden to the audience, through the online cataloguing and digitalization of the whole collection, the promotion of events, national and international conferences, exhibitions, guided tours, publications etc. In 2012 the Group created a specific website dedicated to the Fund to give it more visibility (www.iss.it/biblioteca-chi-siamo-fondo-rari) (5).

Throughout the years, the interest generated by this initiative has led to the collaboration with other Italian cultural institutions and, in particular, with two newborn Italian interactive multimedia museums: the Museum of the History of Medicine (Museo di Storia della Medicina, MuSME) in Padua (6) and the Museum of the Italian National Institute of Health (Museo ISS) in Rome.

The Library cooperated with both these museums for the production of the White Book, a multimedia product in browsable format composed of digital video images taken from a specific selection of ancient volumes of the Fund. The MuSME White Book contains about 150 images of medicine and officinal botany (*Figure 3*) while the White Book in the ISS Museum has a different content consisting of 299 digital images covering: medicine, botany and zoology, chemistry, physics, mathematics, and mineral waters.

The cooperation with these two museums has been a challenging experience that could offer in the future further occasions of collaboration with other important cultural institutions.

From the beginning of the Project, the Library had set itself the aim to complete the full text digitalization of the whole Rare Book Collection and finally achieved this goal thanks to an agreement with the Sapienza University of Rome, through the Google Books Project (7). Nowadays the digitized volumes are searchable via Google's search engine and their full text is available for viewing and downloading.

Conclusions

The advancement in technology allowed more people to access and share the historical and cultural heritage, which aligns with the mission of organizations such as libraries and museums to disseminate knowledge. Digitizing rare and antique materials, a task taken on by many institutions globally, has resulted in a wider access and availability of these materials to all users worldwide (8).

The ISS Library initiated a digitalization program for its Rare Book Collection many years ago, with the aim of providing public access to the full text of a valuable historical collection of scientific significance. Despite being a long process, the digitalization has greatly increased the accessibility and visibility of these rare documents, allowing users to freely access the entire collection.

For the ISS Library, whose primary role is to support Italian researchers, this experience has been both a challenge and a great opportunity to try a new task, involving ancient books that are typically reserved for storage libraries. The journey towards full-text digitization involved several steps and some challenges, but it was driven by the enthusiasm of the Working Group and the positive feedback received over the years (9).

Acknowledgements

The Authors would like to dedicate this paper to the memory of Maria Teresa Berruti (1930-2023), who directed the ISS Library for more than twenty years.

Received on 6 February 2023.
Accepted on 23 February 2023.

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Inserto RarISS 2021;34(12):i-iv.

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How can the library improve students' information retrieval skills?

Heli Vilja-Sarromaa
LUT Academic Library Lappeenranta, Finland

Abstract
Good skills in information retrieval play an important role in studies. This article describes how the library can strengthen students' information retrieval skills by providing different kind of services. This article focuses in particular on students studying at the LAB University of Applied Sciences' Master's degree programmes in social and health care. The development of services was based on a study of library services by means of service design.

Key words: *information retrieval; students in Master's degree in social and health care; library services; service design.*

Introduction

LUT Academic Library is the joint library for LUT University and LAB University of Applied Sciences and provides library services also for the general public in Lappeenranta and in Lahti (1) (*Figure 1*).

The library has made several guides (LibGuides) to support the students and staff information retrieval. The LibGuides explain, among other things, the main sources of information in different fields, guide the use of different databases through written and video instructions, the evaluation of information and how to cite sources. The latest guide is the Information retrieval toolkit (2) describing the information retrieval process step by step. All the LibGuides are available online.

The Library offers also personal information retrieval guidance or group information retrieval guidance sessions (for students or stuff in LUT or LAB). Service is free of charge (3).

The LAB University of Applied Sciences has eleven Finnish-language educational programmes for the Master's degree in the field of social welfare and health. Some (of the) training programmes will be fully implemented online. The LAB University of Applied Sciences therefore has three campuses: Lahti, Lappeenranta and E-Campus (4).

The cooperation between the teaching professor and the library

A Professor working at LAB University of Applied Sciences' Master's degree programmes in social and health care had drawn attention to the fact that some of the students applying for a master's degree have poor skills in information retrieval. They don't know how to use the services provided by the library to support the search for information, such as group or personal guid-

Fig. 1. *LUT Academic Library at the Lahti campus. (Photo: Heli Vilja-Sarromaa).*

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Journal of EAHIL 2023; Vol. 19 (1): 8-12 doi: 10.32384/jeahil19551

ance or library guides and videos, but use Google. This can be seen at its worst, for example, in the use of low-level references in the thesis.

The initiator of the cooperation was a study of the professor's and her student colleagues of the Service Design Management studies (5 ECTS, University of Lapland): "How could we develop the guidance of the LUT Academic Library's knowledge information retrieval skills in order to provide students with services that meet their own needs? [6]."

The Professor presented the study at the current events meeting of the library. She stressed that this was not about the weakness of the existing services in the library, but more about how to make better use of them for students. Of course, there is always a need for new services. From the very beginning, the perspective was to cooperate actively with the library. The library has strong knowledge of information retrieval, and the library staff were found to be approachable.

How students in Master's degree programmes in social and health care at the LAB University of Applied Sciences experience the information retrieval?

In the study presented to the library, three different information seekers had been created through service design: Susan Superhero, Susan Struggler and Susan Survivor. The following questions were examined through them: What are the wishes of the information seeker for the library services? How do library services solve the challenges of the information seeker? What would prevent the information seeker from using the library services? What are the potential fears and unwanted experiences of the information seeker?

Susan Superhero is a student person who is determined and effective and quick to learn. She has excellent skills in information retrieval and good English skills. She hopes that the library services will provide up-to-date, extensive and international information.

Library services solve the challenges of Susan Superhero with easy-to-use library web pages and easy availability of the necessary information from the information search service LAB Primo (*Figure 2*) and its individual databases (5).

Susan Superhero could not use the services if her user rights were interrupted, or network connections were not working.

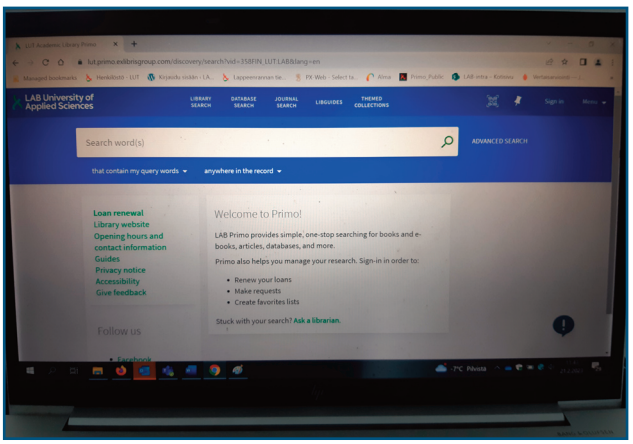

Fig. 2. *LAB Primo - LUT Academic Library's search service. (Photo: Heli Vilja-Sarromaa).*

Possible fears or unwanted experiences in the use of library services, such as LAB Primo, would appear in situations such as the disappearance of the search she has done, which means that she wouldn't remember to save her search history in LAB Primo. There could also be problems if the databases which she most frequently uses would change names and she did not recognize their new names.

Susan Struggler is a student person who is eager to learn and is interested in self-development. She's also good at learning. However, after a long study break, there is a need for updating the information seeking skills. Reading English is a challenge for her.

Susan Struggler wishes the library to provide effective and personal guidance on information retrieval, in particular how to find and choose the right search words and how to use different databases. She also wishes to have a so-called step by step guide that would guide in the search for information step by step.

Library services solve her information search challenges with personal guidance, which is timely and easily accessible.

Challenges in finding information would prevent her from using library services. These challenges include finding the right search words and identifying good and high-quality sources. Insufficient English skills also cause difficulties both in seeking information itself and in getting to know the sources found. Susan Struggler wouldn't like to spend much time studying information retrieval but would like rapid solutions.

For her, fear and unwanted experiences are caused by too many search results. She has difficulty narrowing

the search and finding suitable relevant sources.
The third student person created in the survey was Susan Survivor. She has a lot of challenges like Susan Struggler. However, the basic skills of the search for information are slightly better and she mainly needs to go through the main issues about information retrieval, as well as a strengthening of self-esteem and increasing confidence in her own knowledge.
She therefore wishes the library to take into account the baseline and previous competence on an individual basis, as well as to provide accurate guidance for the search for information, e.g., how to find high-quality sources for a study assignment.
The library solves her information search challenges by providing clear and accessible library websites and the easy-to-use LAB Primo information search service. She also hopes that guidance on information retrieval will be readily and quickly available when needed.
Susan Survivor could not use library services if the goals and expectations were unclear, there is too little time, it seems difficult to limit and exploit searches and the library doesn`t provide sufficient support. Fears or unwanted experiences would be the abundance of databases and, in general, too much information. She also fears uncertainty about her own knowledge of the information retrieval (6).
In summary, the study concluded that the problems of the information seekers are fear and uncertainty about their own competence and, on the other hand, shame on their lack of competence. Complicated paths in the search for information don't inspire searches. The limitation of searches and the use of the information found could be difficult.
For some, poor knowledge of English causes problems. Good English skills are very important, because there are many more international researches than Finnish studies. On the other hand, many researches are also published in English in Finland.
Reading the scientific text and interpreting the information at all can be difficult. The lack of individual guidance in information retrieval provided by the library was also seen as a problem. In individual or small group guidance, some people feel that the guidance is moving too fast. On the other hand, students' time schedules may be so tight that they don't have enough time to get to know the information retrieval properly. Coordination between work and study can be challenging (6).

The study found solutions

As one of the solutions to the challenges of student information retrieval, the study proposed a quick guide for students, the so-called step-by-step guide to information search. It would present information retrieval step-by-step. The first step is to define the subject. After that comes the selection of appropriate search words. The sources found should also be evaluated. Finally, it must be verified that the source references are correctly cited in the work, e.g., in the thesis.
The second solution was to step up cooperation between tutor teachers and library staff. This would require, for example, to create regular working groups.
The third solution was the baseline test on information retrieval skills in the beginning of the studies. It would give the student immediate feedback on his or her own information retrieval skills. The test was also seen to encourage students to develop their information retrieval skills. It was also considered that the baseline test would benefit the organisation by providing information on the student's competence.

What the library has done?

The library chose to do the quick guide to the information retrieval, the so-called "step-by-step" guide. It was the first solution suggested in the study. Its name became the Information retrieval toolkit (2).
It was introduced in studies at the LAB University of Applied Sciences' Master's degree programmes in social and health care in the spring 2023. It is part of the library's LibGuides and is available online for all. It thus serves all the information seekers (*Figure 3*).

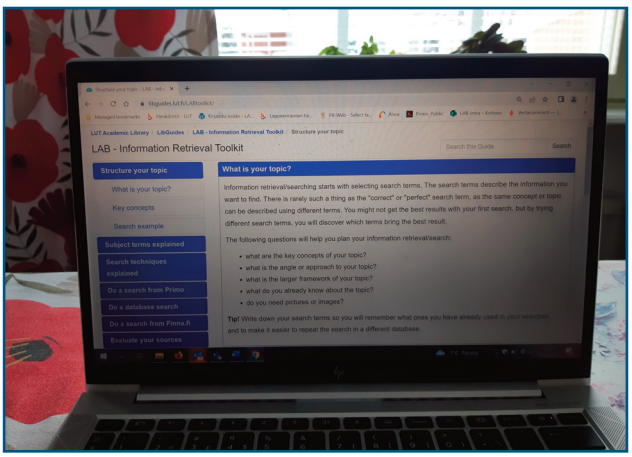

Fig. 3. *The frontpage of Information retrieval toolkit. (Photo: Heli Vilja-Sarromaa).*

A similar guide was also made available to students and staff at LUT University. The Information retrieval toolkit has been published in both Finnish and English. The guide has its own tab for giving feedback. The feedback is provided using a Webropol form. It asks about the ease of use of the information retrieval toolkit, how to learn new things using it, and whether the giver of feedback will continue to use it in his or her studies. There is also an opportunity to give free feedback, to tell library stuff what is good in the Information retrieval toolkit and how to improve it further. It won't take long to give feedback (about one minute). This way it's easy and fast.

The library has also carried out a baseline test for information retrieval, which was proposed as a second solution in the study. The baseline test is conducted in the Moodle learning environment and contains 10 multiple choice questions related to information retrieval. For example, the baseline test asks the following question: "Get to know the Information retrieval toolkit and tell us how the use of quotes (") around search words changes your search result?"
or "Your task is to search for information on the mental health of young people. However, the search results are not very good. What would help?"
A student conducting the test, chooses one or more correct answers from the answer options. The test has been approved if at least six questions have been answered correctly.

Discussion

In addition to independent studies, the Information retrieval toolkit is also suitable for teaching information retrieval for student groups. It makes it easy to show information retrieval step by step.
Library`s information specialists have already used Information retrieval toolkit as teaching material for a number of student groups of master's programmes in social welfare and health care at LAB University of Applied Sciences. Instant feedback from the has been encouraging. Some of the teachings has been implemented as online teaching in Zoom and some face to face.
The teaching of information retrieval through Zoom was aimed at students who make their studies online. The use of the Information retrieval toolkit as teaching material also worked very well in online education. It is a particularly important tool for those who study online, because it is always available. When it is use as teaching material, it may be remembered by students, and it will become a natural help for their independent information retrieval in the future.
We hope to receive user feedback from both the Information retrieval toolkit and the baseline test of information retrieval. In addition to the students, we also want feedback from the professors and teachers. Have they experienced that the Information retrieval toolkit and the baseline test have affected the students' information retrieval skills. On the basis of the feedback, it is intended to develop both of them in a better way to meet needs.
The Information retrieval toolkit and the background study and cooperation were presented at the BMF's (Bibliothecarii Medicinae Fenniae) autumn seminar in 2022 (7). The subject raised a lot of debate and other higher education institutions also saw the need to strengthen students' information retrieval skills.
In addition to the materials made by the library (the Information retrieval toolkit and the baseline test in information retrieval), students also need more personal or small group guidance in information retrieval. According to the study some students felt that it wasn't available enough. The library offers personal guidance from Monday to Friday between 8 am and 3.30 pm. Quite many students who study in the Master's programmes at the LAB University of Applied Sciences work during the day and therefore, they won't be able to take part in guidance during office hours. To solve this problem now the library offers a group guidance about once a month even in the evening.

Submitted on invitation.
Accepted on 23 February 2023.

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Supporting pharmacy education and research: history, innovation and engagement

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UCL School of Pharmacy, UCL Library, Culture, Collections and Open Science (LCCOS), London, UK

Abstract
The UCL School of Pharmacy is celebrating its 180th anniversary. This article discusses how its library has supported the School in its teaching, research and public engagement. There is an overview of the challenges and opportunities the library has faced with regards space, collection management, information literacy and non-traditional support, such as wellbeing and sustainability. Post-COVID developments, AI and the utilisation of the library's important historic collections and archive are also described.

Key words: *libraries, medical; library services; pharmacy, history; pharmacy, education.*

Introduction

The University College London (UCL) School of Pharmacy (https://www.ucl.ac.uk/pharmacy/ucl-school-pharmacy) is the oldest School of Pharmacy in the UK, having been founded in 1842 (1) by what was to become the Royal Pharmaceutical Society of Great Britain, the professional membership body for pharmacists and pharmacy in England, Scotland and Wales (*Figure 1*).

In the early years of its history The School shared its premises and library with the Society in Bloomsbury Square, London (*Figure 2*). This was a fine-looking neo-classical building, but it was soon to prove too small for the School, which had by 1925 become part of the University of London, and for the Society. A new purpose-built building began construction in 1938 in nearby Brunswick Square, with the new School library opening in November 1959 (*Figure 3*).

Fig. 1. *The School's main entrance today.*

Fig. 2. *The School's first library in Bloomsbury Square.*

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Fig. 3. *The library in 1959.*

In 2012 The School of Pharmacy joined UCL (https://www.ucl.ac.uk/), a multi-disciplinary university with more than 16,000 staff and 50,000 students from over 150 countries, which is internationally recognised for the quality of its research, teaching and enterprise. The Pharmacy Library (https://www.ucl.ac.uk/library/using-library/libraries-and-study-spaces/ucl-school-pharmacy-library) is now part of UCL's "Library, Culture, Collections and Open Science" (LCCOS) department (https://www.ucl.ac.uk/lccos/library-culture-collections-and-open-science-lccos). LCCOS consists of three museums and allied object collections, fourteen libraries, the UCL Student Centre, Special Collections facilities, multiple additional learning spaces, the Bloomsbury Theatre and an off-site storage facility. We also support healthcare staff through our partnerships with six NHS Trusts.

Whilst primarily serving the teaching and research needs of students and staff at UCL, the collections are also utilised by a variety of visitors. Today the library has strong specialist collections in the pharmaceutical sciences, pharmacognosy and pharmacology, but the biomedical sciences and other subjects are also covered. Also, a small, but important archive of documents, paintings and artifacts deals with the history of the School and pharmacy.

With 2022 being its 180th birthday the UCL School of Pharmacy began an academic year-long celebration, which is ongoing into 2023. Keen to support the School in this project, and to promote the Pharmacy Library, library staff have engaged with a range of School events, aimed at the UCL community, past and present, international researchers, industry, and the general public. It has been a year for the library to reflect on its past, challenges, solutions and innovation.

Study spaces

Whilst there have been a lot of changes since the library opened one thing that has remained constant is the high demand for study spaces. Even before the new Library opened the Library Advisory Committee in 1956 was warning that "the accommodation allocated to the library was grossly inadequate" and by 1967 the need for additional space was being met by blocking some of the existing windows with shelves! As a result, the library has been extended and refurbished several times since, not just because of increased customer numbers, but because of changes to learning methods.

As most School teaching returned to in person this academic year 2022/23 the demand for space has returned to pre COVID pandemic levels with the library often at capacity. The main change in terms of demand on space has been the need for greater variety of spaces both in terms of space for students, but also different space needs for library staff. As a small team, whose roles all include student facing services, staff are based predominately on site. Sharing an open plan office there is an increased need for separate space for staff to attend online meetings, to provide online training and to provide in person support for students. The majority of information literacy and 1-2-1 support sessions have returned to being in person at the School. Having areas the library can use for training students is also increasingly important as higher student numbers have meant that it is harder to book centrally managed teaching spaces.

Any future plans would look to increase these types of spaces whilst building in flexibility so spaces can adapt to different and changing needs. For example, having study rooms that could open up to create larger group spaces, as well as providing bookable individual study rooms, to allow both students and staff to attend online sessions.

Physical and electronic collections

The other demand on space is the physical collection and whilst usage of the physical collection has declined, with the pivot to digital accelerated by the COVID pandemic, the importance of the collection is increasingly apparent. As one of several UCL's flagship collections the School of Pharmacy Library is the only free-standing academic pharmacy library in the UK and the depth of the collection reflects this. Detailed analysis of the collection, against the holdings of other national and international collections, highlighted the scarcity of several items reflecting the importance of the collection institutionally, but also nationally. Our oldest herbal dates to the 16th century and we hold some of the earliest British Pharmacopeias and British National Formularies. Donations are part of collection development, although we have strict criteria around acceptance. A recent acquisition of note is from the estate of the late Peter Homan, a past President of the British Society for the History of Pharmacy (BSHP), a collection of rare and historic textbooks, pharmacopeias and chemists' notebooks.

Whilst our teaching collection has a digital first policy, to provide greater access to key textbooks and resources, our flagship collection is predominantly print. This is in part due to the historic nature of much of the collection, but also reflects the aim of the flagship collections to open the collection beyond our students and staff. This has also included open access digitisation projects, such as digitisation of selected pre-1914 material with funding from the Wellcome and Jisc (https://www.medicalheritage.org/content/uk-medical-heritage-library/).

As well as books the library also now lends out other teaching aids including anatomical models, a drug board game and, more recently, virtual reality headsets. These different types of resources allow students to learn in a more visual and interactive way. Whilst feedback from students who have used the resources has been positive a key challenge has been the effective promotion of these resources. To promote the VR headsets and the preloaded anatomy app the library has used social media and is working closely with academics and a Learning Technologist to promote these within UCL Moodle, our virtual learning environment.

As well as an important book collection the library also holds the School's archive containing school records, photos, paintings and various memorabilia, as well as a small collection of artefacts, such as Victorian pill making equipment, and fragments of a bomb that hit the school during World War Two (*Figure 4*). Events like the 180th anniversary of the School of Pharmacy have helped raise the awareness of this collection through displays in the library and the School, as part of public lectures and open days. When an anniversary event has not lent itself to displaying objects, we have produced posters and, when small children have been involved, we have provided crafting activities and a reading corner, with support from our colleagues at the UCL Institute of Education. As public engagement is an important part of UCL's strategy these events, and other initiatives that increase the visibility of our collection beyond our student and staff, are increasingly important.

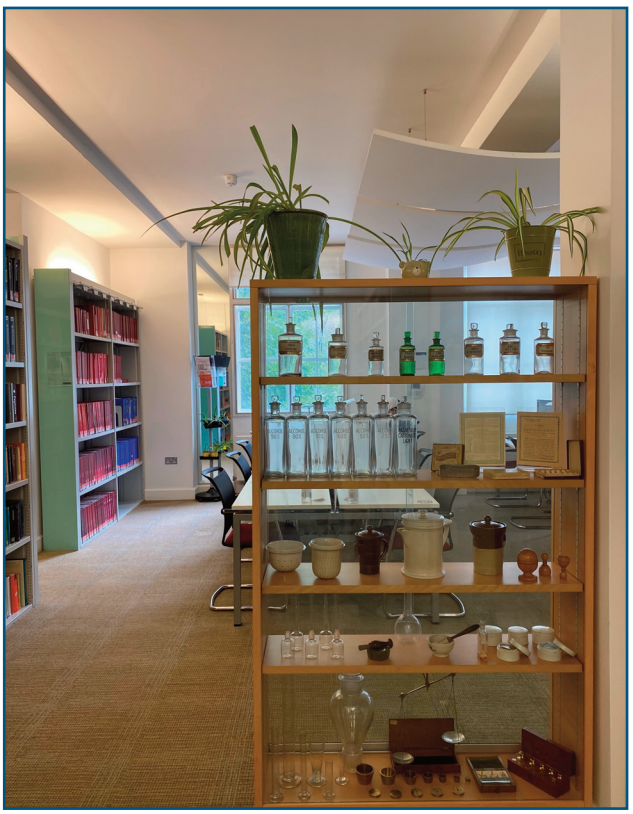

Fig. 4. *Archive display case.*

Looking to the future the library hopes to increase public engagement and open the archives as a rich resource for researchers interested in the history of pharmacy education and the School of Pharmacy. Campaigns focused on increasing diversity and marginalised voices could also be supported by material from the archives

with displays organised around themes such as women in science. Indeed Elizabeth Garrett-Anderson, the first English female doctor, attended the School in the 1860s (2).

A challenge for the present and future is the need to balance the competing demands for more study space and a growing physical collection. The demand for more study spaces is also matched with a need for different spaces to accommodate different activities, such as a reading room for the public to engage with our archive and space for students to use new technology like our VR headsets. Current solutions to balance the need for study space and space for our collection focus on digital first acquisitions, digitisation, the promotion of open access resources, the utilisation of other storage space both on site and in offsite storage with a regular delivery service on request, the optimisation of rolling shelving, and a positive weeding policy.

Locally, nationally, and internationally Paul Ayris (Pro-Vice-Provost: UCL LCCOS) champions open access and Open Science (3), with reproducibility and transparency of research as a mechanism to deal with crises such as COVID-19. In this spirit UCL Press, the innovative university open access publisher, led on the creation of the online 'UCL Covid-19 Research Collection', listing all UCL contributed published content (4).

Information Literacy

Since the School opened pharmaceutical education has developed and changed, as has the makeup of the student population. The School's student population is now predominately female accounting for 77% of students and there is a sizeable international student body with around 25% of students international (5).

As Pharmacy education is governed in Great Britain by the General Pharmaceutical Council (GPhC) there is a strict set of standards (6) outlining the skills, knowledge and professional behaviours students need to demonstrate. With a strong emphasis on evidence-based decisions information literacy is firmly embedded into the curriculum for the MPharm programme, a four- or five-year undergraduate degree which is the first step to becoming a pharmacist in the UK, as well as most MSc courses.

The changes to the GPhC standards in 2021 represent a significant change for the MPharm programme with more emphasis on prescribing and patient centred care. Current redesigns of the MPharm programme include an additional clinical, professional, and scientific skills module in each of the four years prior to the foundation year. With the library involved in the current redesign of the course training on information sources, information integrity and critical appraisal will remain important, although there may be changes to where this is situated within the programme. The emergence of new AI technology such as ChatGPT (7) also offer new challenges for information literacy and teaching students the importance of evaluating information and how to utilise such tools responsibly. UCL has a number of Working Groups looking at the use of AI in education and initial briefings have already been produced for students (8) and staff (9).

Other changes include the development of new interdisciplinary programmes that utilise our resources and expertise. Based at UCL's East London Campus the MSc in Biotech and Pharmaceutical Management spans several disciplines and the library works closely with other liaison colleagues, in other subject areas, to support students undertaking this course. Other future developments include the possibility of a joint programme with University of North Carolina and Monash University as part of the global PharmAlliance partnership of three Pharmacy Schools (https://www.pharmalliance.org/).

Non-traditional support

As well as support with their studies the library is also actively involved in creating a sense of community amongst our users and supporting student's wellbeing, something we are increasingly seeing in academic libraries (10). Initiatives include advertising UCL student support services and wellbeing events, community jigsaw puzzles, colouring in and dot to dot, an origami station, treasure hunts, quizzes and, the most popular initiative, our two robotic therapy library cats (*Figure 5*).

The library is also an active contributor to the University's sustainability campaign Green Impact (https://www.ucl.ac.uk/sustainable/staff/green-impact). As part of this the library has invested in several plants to make the library a greener environment and during induction week the library gave out seventy plant cuttings to new students. The library also offers a book swap and encourages students to think about recycling and their use of energy.

Fig. 5. *Jigsaws and origami.*

Customer feedback

Always keen to improve our services, and to ascertain the impact of our public engagement activities, we rely not just on national UK surveys such as the annual National Student Survey (https://www.officeforstudents.org.uk/advice-and-guidance/student-information-and-data/national-student-survey-nss/), but also feedback forms at the end of training sessions, comments on our online enquiry service and feedback campaigns which utilise local surveys, noticeboards, social media and other interactive mechanisms.

Conclusion

The UCL School of Pharmacy library, like the institution it supports, has changed much over its 180 years. Changes which reflect the experiences and challenges many libraries face in terms of space, collection management, developments in technology and pedagogy. We hope to stay relevant by learning from our colleagues, utilising feedback and UX, and by engaging with UCL in its public outreach.

Acknowledgements

With thanks to our colleagues at the UCL School of Pharmacy Library and across LCCOS.

Submitted on invitation.
Accepted on 15 March 2023.

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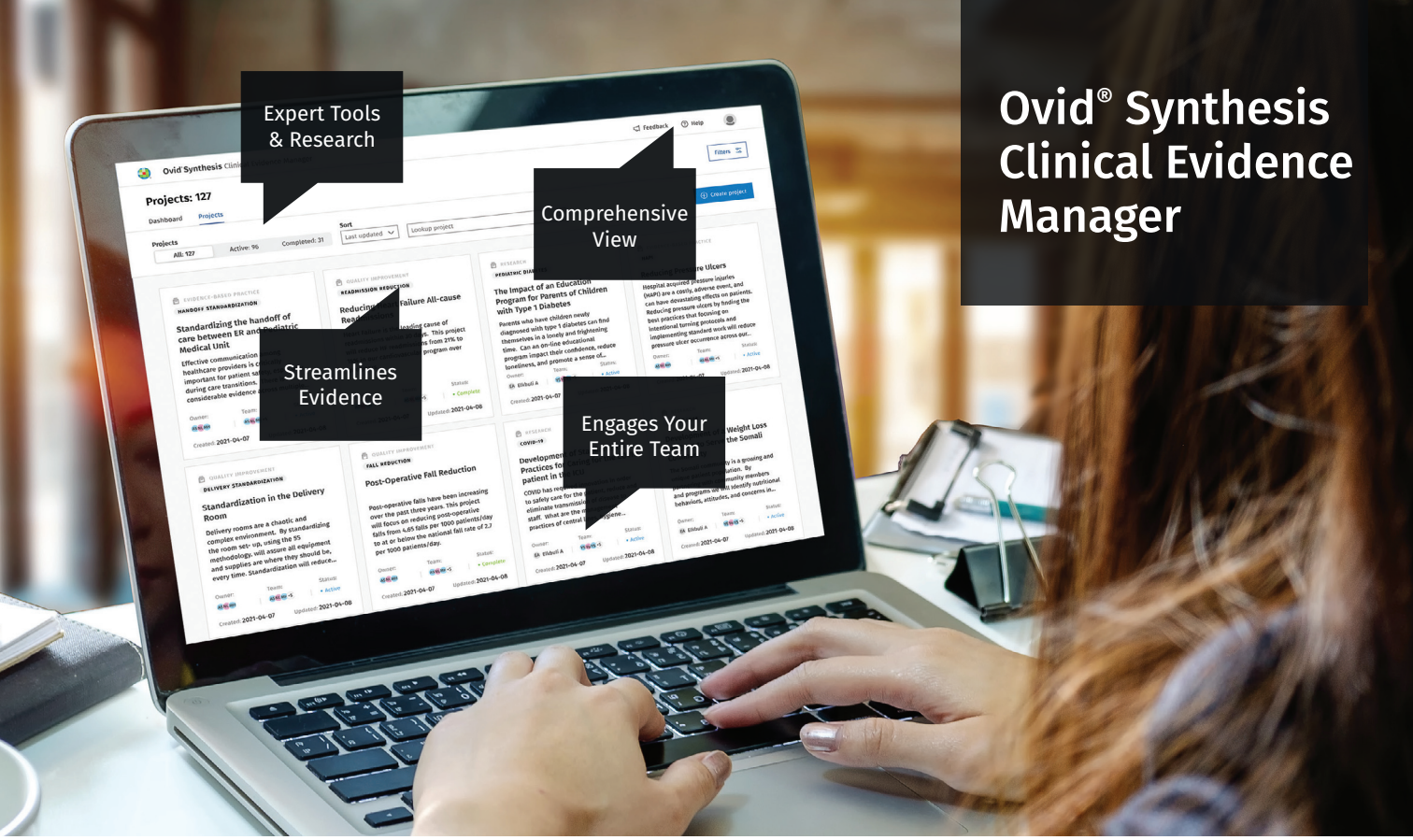

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Letter from the President

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Dear EAHIL Colleagues,

At the time of writing, the snow is falling outside my window, and summer seems far away. But working on preparations for the next EAHIL event, I'm reminded that in just a few months, many of us will meet in the lovely city of Trondheim, enjoying the "white nights" of June in Scandinavia. Last week the IPC was presented with a draft programme for the upcoming EAHIL in Trondheim that looks very exciting. Look out for information about registering in the forthcoming weeks. You will find all the information on the workshop website: https://eahil2023.org/.

In November, our new membership database was launched, and in February, Council members were invited as administrators for their countries. This will enable Council members to keep track of members in their country, including the possibility to e-mail them directly from the database.

Since EAHIL has changed both the membership database and listserv provider, there is a risk that you might miss information if your e-mail server blocks the new domains. Please make sure that all e-mails from **@myclub.se** and **@lists.eahil.eu** are marked as safe.

We still need to secure locations for the EAHIL events from 2025 onwards. Since our yearly events are the main activities of our Association, and the planning timeline for an event is approximately two years, it's time to start thinking of submitting an expression of interest. It should be sent to the EAHIL Inbox: EAHIL-SECR@LISTS.EAHIL.EU. Please refer to http://eahil.eu/events/arrange-conference/ for event guidelines, and feel free to contact other Board members or me for discussion and support. I'm looking forward to hearing from you with proposals and suggestions.

Finally, I would like to express my condolences to our Turkish colleagues. Sitting safely in Sweden, it is impossible to understand the situation in Turkey right now and the difficulties that await in the coming weeks, months and years. If you would like to donate, our Turkish colleagues shared the information about an initiative to support Turkish librarians in the earthquake area. This was distributed to all of you by e-mail. Please get back to me if you would like me to re-send the information. I have also tried to contact Syrian colleagues to find out if there are similar initiatives and will share what I learn with you.

Report from the Training, Education and Development for Medical Information and Library professionals (TrEDMIL) sub-group of EAHIL

Gerhard Bissels, Co-Chair
Igor Brbre, Co-Chair
Carol Lefebvre, Secretary
Sabine Buroh, Past Secretary

Launch of the EAHIL TrEDMIL Events Diary

The Training, Education and Development for Medical Information and Library professionals (TrEDMIL) sub-group of EAHIL identifies and provides training and education opportunities for our profession, both for new entrants to the profession and for practitioners who need to update and develop their skills and knowledge.

TrEDMIL has just launched an events diary to provide information about training and educational development events in the field of medical and health care librarianship / information science, of interest to EAHIL members.

The idea for the calendar of training events came about in 2019, as a result of discussions around activities of the TrEDMIL Continuing Professional Development sub-group, during the TrEDMIL meeting in Basel. There was consensus that this could be one of the interventions facilitating and supporting CPD activities of EAHIL members and more widely.

In early 2020, a proposal to advertize a course on systematic searching in JEAHIL confirmed the idea that a diary was needed as well as the channels provided by JEAHIL and this provided an impetus for the TrEDMIL SIG to put forward the idea to set the diary up on its webpage.

Two volunteers were identified (Igor Brbre and Justyna Zawada – see below), who looked into possible technical solutions and contents. After a thorough exploration of the possibilities and resources required, the decision was taken that Google Calendar was the most appropriate and feasible solution.

The proposal was put forward and endorsed by the EAHIL Executive Board. The diary has been set up and is being managed by the chairmanship of TrEDMIL, with Igor Brbre taking the lead. It is publicly available to EAHIL members and the wider medical librarian and information specialist community at:

https://eahil.eu/sig-2/training-education-development-group/

The criteria for inclusion are any training or educational development event in the field of medical and health care librarianship / information science of interest to EAHIL members.

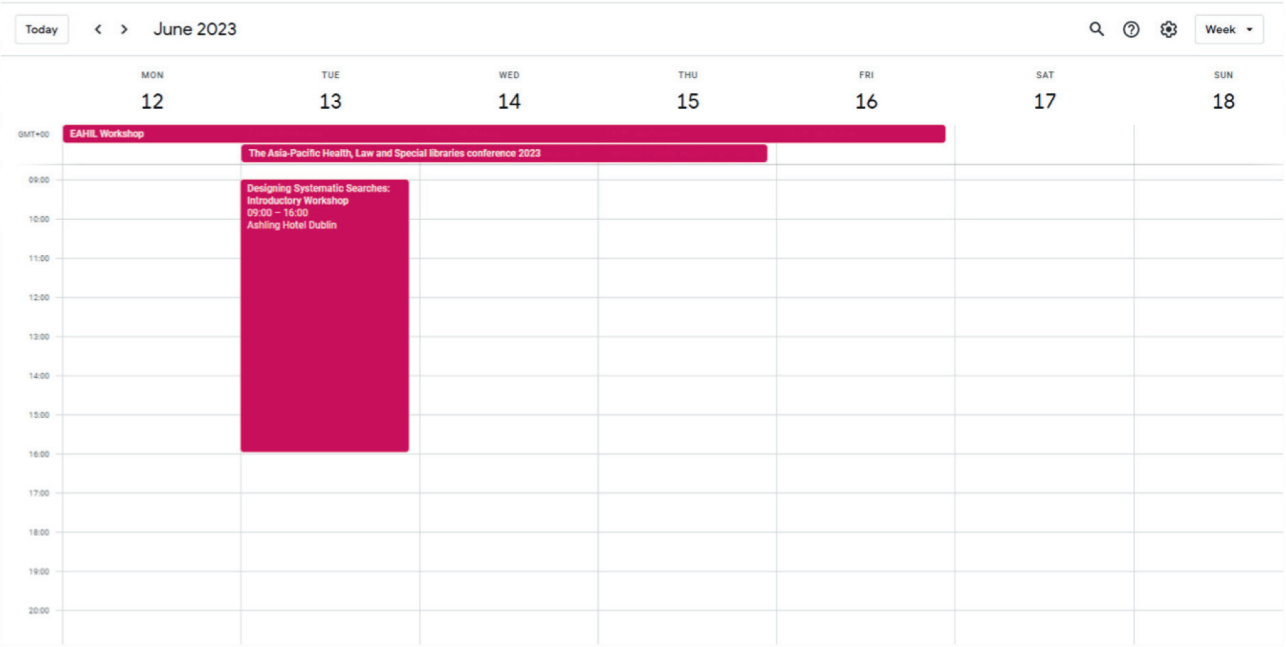
The diary currently contains c. 50 entries between now and December 2023. Among them are webinars, short courses, half-day events and conferences. Some offer free registration; some require a registration fee. Events can be in-person, virtual / online only or hybrid and in any language of interest to EAHIL members.

Please send examples, especially from your own region, of events meeting our criteria above to be added to the diary, to Igor Brbre (NHS Healthcare Improvement Scotland):

igor.brbre@nhs.scot

We should like to acknowledge support from Petra Björk (Karolinska Institutet University Library) and Justyna Zawada (Wroclaw Medical University Library).

The image below shows a sample entry:



For more information about the TrEDMIL sub-group, please see:

https://eahil.eu/sig-2/training-education-development-group/

National Library of Medicine update for the Journal of EAHIL

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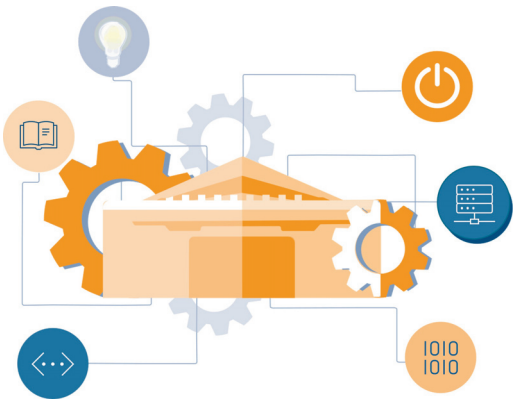

The National Library of Medicine (NLM) based in Bethesda, Maryland serves as an engine for innovation and discovery as the world's largest biomedical library and a leader in research in computational health informatics. Our mission is to collect, preserve and disseminate trusted biomedical literature and health information to improve public health. We sponsor research, development, and training in data science, information science, biomedical informatics, and health sciences librarianship, all of which facilitate open science and drive innovation through a wide range of products, resources, and tools that we make available. Over the course of the last year, NLM has made concrete efforts to strengthen our leadership and staff capacity, to carefully and strategically plot a course towards a future that anticipates users' needs, and to continuously improve access and discovery to biomedical information.

Leadership announcements

NLM's leadership team has had some exciting developments these past several months. In September of 2022, Stephen Sherry, PhD, was named the *Director for National Center for Biotechnology Information (NCBI)* and *NLM Associate Director for Scientific Data Resources*. In these roles, Dr. Sherry oversees the development and deployment of advanced computational solutions to meet life and health science information needs and facilitate open science and scholarship through a growing array of data, literature, and other information offerings and services from NLM.

NLM's Office of the Director also appointed Jerry Sheehan to the role of *Deputy Director for Policy and External Affairs*. This strengthens the role NLM plays at NIH and across the federal government related to policies on matters such as open science, public access to literature and research data, and data management and sharing policies.

Finally, NLM will be actively searching for a permanent candidate to fill the newly added *NLM Deputy Director for Operations and Innovation* role created to drive operational excellence and innovation at NLM.

In the meantime, Mike Huerta is acting in this position and helping to develop frameworks and models for innovation and new growth opportunities.

Library Operations 2036 long range plan update

Library Operations (LO) is the division that I head with Amanda Wilson as Deputy. As one of NLM's largest divisions, we comprise over 400 talented staff committed to furthering NLM's mission. With emerging technologies and managing information needs during a global pandemic, Libraries continue to evolve as their users' needs and expectations change.

In 2021, LO created a "3Cs" framework—Collect, Curate, and Connect—to describe the work we do. Each component represents the critical, interconnected work we perform to achieve operational success. Leveraging these 3Cs, we developed and initiated our Library Operation's Long Range Plan (LRP) to address the challenges that come with the accelerated pace of changing technology, the rise and spread of health misinformation, evolving user expectations, and need for equal and inclusive access to unbiased information. Staff in LO envision a future in which data and information will continue to transform and accelerate biomedical discovery and improve health and health care globally.

Our Plan, currently in its second stage of implementation, defines five goals:

1) to create a modernized organizational structure;

2) to unify and transform NLM collections;

3) to support and promote the use of health data standards and terminologies;

4) to provide customer design and experience support; and

5) to know and equitably engage our users.

The interrelated 3Cs and five goals will allow us to continue to collaborate across our institution and beyond to serve NLM's diverse users, enhance our role as a national library, maintain stewardship of the world's largest biomedical collection, and serve as a key NIH institute. Our core values of user focus, service, knowledge sharing, quality, and trustworthiness continue to serve as our beacon to confidently deliver on the goals outlined in this bold 15-year plan.

Improving access and discovery

Evolving into its 3rd century as a biomedical information and data powerhouse, NLM is also focused on policy and technological advancements to increase findability, accessibility, and interoperability of its vast and growing collection for research discovery.

2023 is being celebrated as the Year of Open Science and NIH was among several US Federal Agencies highlighted as part of this multi-member initiative. In support, we just announced the launch of the second

phase of our Preprint Pilot with the addition of more than 700 new preprint records to PubMed Central (PMC). NLM partnered with GreyNet International to cohost the all-virtual 2022 International Conference on Grey Literature, under the theme of "Publishing Grey Literature in the Digital Century" this past December.

On January 25, 2023, NIH's new Policy for Data Management and Sharing (DMS Policy) went into effect for most competing funding applications and intramural research protocols, requiring researchers to submit a DMS Plan with their application for funding detailing how they will share and manage the data derived from their research. This is a great opportunity for librarians to support research by encouraging policy use, answering researchers' questions, and pointing to relevant resources.

From a technology and product perspective, NLM is committed to making open and machine readable data the new default for biomedical information. We are unifying our platforms and databases to provide more interoperability and discoverability. We are making our interfaces consistent to help users navigate more easily. Last year, after refining algorithms to meet human indexing quality standards, NLM moved to fully automated MeSH indexing of MEDLINE citations in PubMed. This provides our users with access to MeSH terms within 24 hours, enables curation at scale for the growing volume of MEDLINE published biomedical literature, and has allowed us to pivot resources to new programs.

All this great work is disseminated and reinforced through our Network of the National Library of Medicine (NNLM) – a robust ecosystem of 8,000+ health science libraries and information centers extending into the public communities we serve. Our training and engagement programs are available to users across the world! Of particular interest, check out the Center for Data Services to help librarians to effectively support data policy and research in their organizations.

By bolstering leadership, strategically planning organizational change, participating in the community, and evolving our products and services, NLM is well poised to foster a culture of continuous innovation and to lead in the field of biomedical research discovery and integrity. I hope you continue to follow us on our journey!

US Medical Library Association report for EAHIL

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MLA | SLA '23 - hybrid conference - virtual and in Detroit

Still time to register for in-person attendance at the early-bird rate (deadline 14 April 2023) - see below.

As I mentioned in my previous report, for the fourth year in a row, MLA is holding its annual conference virtually but this year, as last year, they are planning to hold it as a hybrid event, with the in-person event planned for Detroit on 16-19 May 2023.
https://www.mlanet.org/mla23
I also mentioned that, this year, the MLA conference is being held jointly with the conference of the US Special Libraries Association (SLA), hence the new name for this year of MLA | SLA '23. MLA is of the view that this will offer opportunities to engage with colleagues from other sectors and discuss common issues such as leadership and management from different perspectives.
If you cannot attend in person, do, please, consider attending the conference virtually this year. The registration fee for virtual attendance for EAHIL members (under an arrangement between EAHIL and MLA) is the same as for MLA members, i.e. 465 USD. There is no limit to when you can register at this rate. This rate holds good after 14 April 2023 until the event.
https://www.mlanet.org/p/cm/ld/fid=2019

The hybrid conference held in 2022 attracted over 1,200 attendees, with over 100 papers, c. 50 lightning talks, c. 140 posters, c. 20 immersion sessions and the feedback was generally very positive.

Further details about specific aspects of the 2023 conference are below.

Keynote papers - two keynote presentations have been announced for the conference.
Terri Givens will give the 2023 John P. McGovern Lecture. Terri Givens is currently a professor of Political Science at McGill University, Montreal, Canada and is the founder of the Center for Higher Education Leadership and Brighter Professional Development. "She is the author of the book *Radical Empathy: Finding*

a Path to Bridging Racial Divides. Beyond *Radical Empathy*, she is the author of books and articles on immigration policy, anti-discrimination politics, and comparative race politics. As an accomplished speaker, author, consultant, and mentor, she is using her platform to develop leaders' understanding of the importance of diversity and encourage personal growth through empathy".
https://www.mlanet.org/blog/announcing-terri-givens-as-2023-john-p-mcgovern-lecture

The 2023 Janet Doe Lecture will be given by Michelle Kraft. Michelle is the Director of Cleveland Clinic Libraries, Cleveland, Ohio. "Michelle developed an interest in the use of technology, user experience, and social media within medical libraries which led to her launching her blog, *The Krafty Librarian*, which explores items of interest to medical librarians. As an early adopter of social media, she helped pioneer the use of bloggers and Twitter at the Annual Meeting as a method to connect and inform members and attendees of meeting events and activities".
https://www.mlanet.org/p/cm/ld/fid=2064

Contributed papers and lightning talks - with respect to the contributed programme, there will be papers and lightning talks. The contributed papers are c. 10 to 15-minute presentations whereas the lightning talks are five-minute presentations and focus on one main topic. The call for contributed papers has now closed.

Posters and lightning talks - **Lightning Talk** sessions will be held during live **virtual** sessions ONLY and not at the in-person meeting. **Poster** sessions will be held **in-person** only. The call for posters and lightning talks has also now closed.

Immersion sessions - this year there will again be Immersion sessions, described as follows. "Immersion sessions are meant to provide an in-depth perspective on areas of interest to MLA members. They are your chance to design and offer the programming that you want to see. Immersion sessions should strive for excellent engagement and can vary in format from a panel of invited speakers to a single invited speaker, a facilitated book discussion, as well as less-conventional sessions like an "unconference" or flipped session, or to create a work product to benefit the profession. The only type of programming excluded from immersion sessions are paper presentations". These were an innovation in the 2019 MLA programme. These sessions run for c. 75 minutes and the majority of them will be held in-person only.

Accepted sessions - the link below lists the following Immersion Sessions, Program Description Papers, and Research Papers to be presented at MLA | SLA '23.
https://www.mlanet.org/p/cm/ld/fid=2080

Exhibitor presentations - are being planned, both in-person and virtually. Over 50 exhibitors have already booked exhibition booths.

Continuing education courses - I was mistaken, in my last report, when I said that the CE courses, which used to be held during the two days prior to the conference, will not be held again this year. Apologies. MLA has, in fact, re-introduced CE sessions, which will all be held on Tuesday 16 May 2023. In addition, MLA continues its programme of continuing education, available as both live and recorded events throughout the year.
https://www.mlanet.org/p/cm/ld/fid=2076
http://www.medlib-ed.org/

Exhibition - will also be in-person and virtual this year. All vendors with booths at the in-person event will also have virtual booths. Others will exhibit only virtually.

Preliminary programme - is available here.
https://www.flipsnack.com/F6D5A5DD75E/mla-sla-23-prospectus/full-view.html

Schedule at a Glance - PDF is available here:
https://www.mlanet.org/p/cm/ld/fid=2063

Networking events - will be offered both in-person and virtually, and more information will follow on the conference website.

Conference registration - opened in January 2023. As I mentioned above, there is a discount for EAHIL members through EAHIL's association with MLA. The virtual only conference registration fee for EAHIL members is 465 USD. In person registration for EAHIL members is 775 USD at the early-bird rate (until 14 April 2023) and 890 USD thereafter.
https://www.mlanet.org/p/cm/ld/fid=2019

The MLA | SLA '23 blog - provides coverage of a range of topics including programme sessions, plenary sessions, exhibition activity and virtual social events, before, during and after the meeting.
https://www.mlanet.org/p/bl/et/blogid=161&per=5&p=3

Social media - additionally, you can follow the meeting on Twitter with the MLA | SLA '23 hashtag #MLANET23 and follow MLA more generally on Facebook at:
https://www.facebook.com/MedicalLibraryAssn

Future MLA annual meetings - dates for your diary:
Portland, Oregon 18-21 May 2024.

Membership of MLA
MLA offers membership if you are an "information practitioner who works or has worked in health- or health information-related environments". The current annual subscription rate is 245 USD (or 25 USD if you are from a Research4Lifehttp://www.who.int/hinari/eligibility/en/).
https://www.mlanet.org/join

News and publications from MLA
The latest issue of the Journal of the Medical Library Association (JMLA) (Volume 110 (3) Dec 2022) is now available (open access) at:
https://www.ncbi.nlm.nih.gov/pmc/journals/93/latest/

Open access to back issues of the JMLA (and its predecessors back to 1898) is available from:
https://www.ncbi.nlm.nih.gov/pmc/journals/93/

Preprints of articles from the forthcoming issue of the JMLA are no longer available. JMLA does, however, encourage self-archiving at any point in the manuscript preparation or peer review process:
http://jmla.mlanet.org/ojs/jmla/article/view/877

MLAConnect provides electronic content for both MLA members and non-members. It provides access to content including from blogs of MLA caucuses (previously known as sections) and is updated continually. Most articles are restricted to MLA members and/or to members of specific MLA caucuses. For the most complete display of articles, you need to login with your username and password. Older issues of MLA News are also available.
https://www.mlanet.org/mlaconnect
https://www.mlanet.org/page/mla-news

MLA's 125th Anniversary
MLA turns 125 on 2 May 2023. Throughout the following year, (from May 2023 to May 2024), MLA will be celebrating this great milestone. More on this to follow in future editions of JEAHIL! For now, just to say that the MLA | SLA '23 meeting programme promises cake at the closing session!
https://www.mlanet.org/page/mla-125-anniversary

Publications and new products

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Dear colleagues,

for this issue of JEAHIL I would like to highlight something I've spotted on the web as I think it can be useful as a starting point for a major reflection on where the field of open access publishing, and publishing in general, is heading in the next few years. I am starting from the COPE's (Committee on Publication Ethics) commentary on the key themes and questions regarding the ethics of Artificial Intelligence tools for content creation to point out that this topic has a multitude of different implications, from ethics to inclusion, and it is likely to become of major interest in the near future. As written by Eva A. M. van Dis et al. in a comment published on the journal Nature (ChatGPT: five priorities for research, Nature 2023; 614:224-226), "Conversational Artificial Intelligence (AI) is likely to revolutionize research practices and publishing, creating both opportunities and concerns. It might accelerate the innovation process, shorten time-to-publication and, by helping people to write fluently, make science more equitable and increase the diversity of scientific perspectives. However, it could also degrade the quality and transparency of research and fundamentally alter our autonomy as human researchers. ChatGPT and other LLMs produce text that is convincing, but often wrong, so their use can distort scientific facts and spread misinformation". Food for thought.

JOURNAL ISSUES

Health Information and Libraries Journal: Contents of March 2023 (40:1)

Editorial

- **Health literacy and consumer health information.**
  Maria J Grant

Review

- **Patient education information materials assessment criteria: A scoping review.**
  Alireza Rahimi, Alireza Khadijeh Ahmadzadeh, Masoud Bahrami, Firooze Zare-Farashbandi, Payman Adibi and Mohammad Ali Boroumand

Original Articles

- **A survey of health information seeking by cancer patients indicates some problems over medical explanations and terminology.**
  Mahmut Akbolat, Mstafa Amarat, Özgün Ünal and Gülcan anta
- **Information seeking behaviour differences indicate which US population groups lack information about human papilloma virus and associated cancer risks.**
  Bahareh Ansari

- **Caregivers of children feel confident about using the Internet for health information.**
  Emma Delemere and Rebecca Maguire
- **Study of health information needs among adolescents in Croatia shows distinct gender differences in information seeking behaviour.**
  Ivana Martinović, Sung Un Kim, Snje ana Stanarević Katavić
- **Few changes shown in cancer information seeking behaviour among young adults in China between 2012 and 2017.**
  Shaohai Jiang and Piper Liping Liu

Regular Features

Dissertations into Practice

- **The prevalence of low health literacy in undergraduate students in Pakistan.**
  Aziz-ur-Rehman, Salman Bin Naeem and Anthony Faiola

International Perspectives and Initiatives

- **Using technology to promote the development of health science libraries in China.**
  Jianjing Zhang, Zhiyun Xie & Yanlei Zhang

Teaching and Learning in Action

- **How research into healthcare staff use and non-use of e-books led to planning a joint approach to e-book policy and practice across UK and Ireland healthcare libraries.**
  Donna Irving, Helene Gorring, Denise Duffy, Alison Forde, Katherine Morgan and Katie Nicholas

FROM THE WEB

- **Artificial intelligence in the news**
  The Committee on Publication Ethics (COPE) wrote a contribution to highlight some of the key themes and questions which are starting to emerge on the topic of Artificial Intelligence used as a tool for content creation, offering a brief but interesting overview of the current discussions. Read it here: https://publicationethics.org/news/artificial-intelligence-news . They invite also to join in the discussion at the March COPE Forum on AI and writing, to register to the webinar click here https://us06web.zoom.us/webinar/register/WN_rArdg3PhRWurFODdcoPDKQ

- **cOAlition S confirms the end of its financial support for Open Access publishing under transformative arrangements after 2024**

  cOAlition S reaffirms that its members will maintain the deadline they stated in 2018 and will no longer financially support their transformative arrangements after 2024. One of their main reason is that the support of these arrangements beyond 2024 would significantly increase the risk that these will become permanent and perpetuate hybrid Open Access. Moreover, cOAlition S declares that they will direct their efforts to more innovative Open Access publishing initiatives that aim to incentivise subscription publishers to transition to full and immediate Open Access. Here the full statement: https://www.coalition-s.org/coalition-s-confirms-the-end-of-its-financial-support-for-open-access-publishing-under-transformative-arrangements-after-2024/. This decision is likely to have a big impact on relations between publishers and

libraries: after 2024, cOAlition S will encourage institutional libraries and large consortia to switch from 'read and publish' agreements with publishers to 'pure publish' deals for portfolios of subscription journals that have become open-access journals.

- **Checklist for open access publishers on implementing the UNESCO Recommendation on Open Science**
  UNESCO published, in partnership with the Open Access Scholarly Publishing Association (OASPA), a Checklist for open access publishers on implementing the UNESCO Recommendation on Open Science. The Checklist is a part of the UNESCO Open Science Toolkit.

- **European Research Data Landscape - Final report**
  The European Commission published recently The European Research Data Landscape study, which looks at researchers' practices in producing, reusing and depositing data, and in making it FAIR, as well as examining the research data repository landscape. The study is based on two surveys – one of researchers (over 15,000 responses), and the other of research data repositories (over 300 responses) – as well as case studies and an automated assessment of the FAIRness of research datasets using the tool F-UJI. The findings of the study show that while certain FAIR practices are being adopted, and researchers are motivated by the ideals of Open Science, obstacles remain to making data FAIR. These include limited local support, the actual implementation of FAIR in practice, lack of awareness, and the lack of progress monitoring at various levels. Based on these findings, the study proposes a number of recommendations and possible actions that could help to make European researchers' practices FAIRer, and research data repositories more FAIR ready. The report can be downloaded here: https://op.europa.eu/en/publication-detail/-/publication/03b5562d-6a35-11ed-b14f-01aa75ed71a1

- **Ten Recommended Practices for Managing Preprints in Generalist and Institutional Repositories**
  As preprint sharing becomes more widespread, it is clear that generalist and institutional repositories have an important role to play in supporting open and early sharing of research manuscripts. In 2021, COAR and ASAPbio undertook a survey of current practices and plans regarding the collection of preprints in institutional and generalists' repositories (IRs). The results revealed that many repositories did not yet support the unique functionalities and practices that are being adopted by preprint servers. To address these gaps, COAR and ASAPbio convened a working group to develop recommended practices for managing preprints. The Working Group has identified Ten Recommended Practices for Managing Preprints in Generalist and Institutional Repositories across three areas: linking, discovery, and editorial processes. Here it is possible to read the full report: https://www.coar-repositories.org/files/Preprint-Report-Formatted-Version-Dec-12-2022-1.pdf

- **Joint strategy to strengthen European Repositories**
  OpenAIRE, LIBER, SPARC Europe, and COAR are launching a joint strategy aimed at strengthening the European repository network. Through this strategy, they are committed to working together - and with other relevant organisations - to develop and execute an action plan that will help to reinforce and enhance repositories in Europe. As a first step, they are undertaking a survey, available online from February 9 to March 10th, 2023, to have a better understanding of the current repository landscape and identify priority areas of action. Read more at: https://www.openaire.eu/joint-strategy-to-strengthen-european-repositories

SOME FORTHCOMING EVENTS

MLA / SLA '23. Looking back, forging ahead
May 16-19, 2023, Detroit, MI
Hybrid conference organized by the Medical Library Association collaboration with the Special Libraries Association. More info at https://www.mlanet.org/mla23

18th Open Repositories Conference (OR2023). Repositories unlocked for discovery and interoperability
June 12-15, 2023, Stellenbosch, South Africa
The OR2023 conference will focus on the practices of the international repositories community to develop and implement the standards, frameworks, architectures, and methodologies for open repositories to serve as knowledge representation databases for the structured web of data. More information on the conference is available at: https://or2023.openrepositories.org/

ALA Annual Conference & Exhibition 2023
June 22-27, 2023 – Chicago, IL
One of the largest library event. For more info click here: https://2023.alaannual.org/

LIBER, 2023. Open and trusted – Reassessing research library values.
July 5 – 7, 2023 – Budapest, Hungary
This year's LIBER conference is focusing on research libraries as trusted hubs that reliably connect communities together. Trust is re-surfacing as a concept that should be omnipresent in their mission and activities, from welcoming physical spaces for study and recollection to advanced services for emergent research. Critical responsibilities, such as engagement, adaptation, and sustainability, enable libraries to set up spaces, services and collections that enable their communities to progress. More info here: https://liberconference.eu/

Please feel free to contact me (annarita.barbaro@iss.it) if you have any further suggestion about initiatives or events you would like to promote

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IBAN NL08 ABNA 0530364697 - BIC ABNANL2A

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