Contents

Editorial

Salutations and a warm welcome to the first issue of the Newsletter for 2017!

CILIP and Health Education England (HEE) have recently launched the 'A Million Decisions' #amilliondecisions Campaign. This campaign highlights and raises awareness of the specialist skills library staff use to support healthcare workers in their decision-making to deliver high quality patient care and safe evidence-based practice.

Why not share with us how you've been promoting the campaign and getting involved? If you would like to write a short piece (1000-1500 words) for the Newsletter, then do please get in touch with me.

In this issue, Tracey Pratchett and Victoria Treadway provide an update on the MAP Toolkit, which successfully enables library staff to demonstrate the value and impact of their services.

I hope you find this issue of the Newsletter useful, inspiring, informative and enjoyable.

Joel Kerry, *Editor, HLG Newsletter*

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Group news

Are you making the most of your **HLG membership benefits**?

Core Collections
HLG works in partnership with Tomlinsons to update the series of Core Collections. HLG Nursing recently completed work on the Nursing Core Collection. Keep an eye out for more information on how you can contribute on different topics via various communications platforms.

Grants and bursaries
HLG offers a number of grants for HLG members and students to attend conferences and training courses, such as the Leslie Morton Bursary: **http://www.cilip.org.uk/health-libraries-group/awards/leslie-morton-bursary**

Health Library and Information Services Directory (HLISD)
HLISD aims to be the most comprehensive database of its kind. Find it at **www.hlisd.org/**. Currently there are almost 800 entries and over 1,000 contacts.

HLG Wales
A network of individuals in Wales working in or professionally interested in health and social care information. HLG Wales works in collaboration with a wide variety of other health information groups.

HLG Nursing
Acts as a working group of HLG, supporting the needs of those working in Nursing, Midwifery and the Allied Health Professions. They produce the HLG Nursing Bulletin, available online.

International
HLG is committed to raising the profile of Health Libraries internationally. The HLG International Award was established in 2012 and is run in partnership with **CILIP's International Libraries Group** (ILIG) and **Partnerships in Health Information** (Phi).

Events
Our last conference was held on Thursday 15th and Friday 16th September 2016 at The Scarborough Spa, Scarborough. The Group also runs a series of CPD events each year – keep an eye on our website or emails lists for future events.

Health Information and Libraries Journal
Health Information and Libraries Journal (HILJ) is a European journal of international and interdisciplinary interest to practitioners, researchers, and students in the library and health sectors.

Newsletter
The newsletter is published quarterly and members will be notified of its

appearance through the HLG Members discussion list and on CILIP's monthly email.

Policy
HLG contributes towards the policy activity of CILIP. We contribute towards CILIP responses to consultations and take steps to influence public policy that is relevant to health libraries.

Networking and community
Share your ideas and expertise, develop your knowledge and contacts and broaden your horizons.

Contact us
Email us and we will respond as quickly as possible: **hlg@cilip.org.uk**
For specific membership enquiries please email: **alison.paul@asph.nhs.uk**

*Follow us on Twitter **@CILIPHLG***

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Health Information and Libraries Journal

March 2017 (34:1)

Editorial
Ten years of reviews. M.J. Grant

Review
Assistive technology for people with dementia: an overview and bibliometric study. H. Yu, I. Asghar, S. Cang

Original articles
The potential of educational comics as a health information medium. S. McNicol

Supporting the library and information needs of health and social care students on placement. C. Plaice, J. Lloyd, P. Shaw

Negotiating concepts of evidence-based practice in the provision of good service for nursing and allied health professionals. J.R. McTavish

Where people look for online health information. S. LaValley, M. Kiviniemi, E. Gage-Bouchard

Knowledge Into Action – supporting the implementation of evidence into practice in Scotland. P. Herbert, S. Davies, A. Wales, K. Ritchie, S. Wilson, L. Dobie, A. Thain

Regular features

Dissertations into Practice
The role of information therapy in reducing anxiety in patients undergoing In Vitro Fertilization (IVF) treatment. S. Ahmadizadeh

International Perspectives and Initiatives
International Trends in Health Science Librarianship Part 20: Russia. M. Nadraga

Teaching and Learning in Action
Delivering information skills training at a health professionals CPD conference: an evaluation. A. Lawton

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Spotlight

New year, new MAP!

As NHS library and knowledge staff, it's crucial that we remain aware of the latest NHS policy and guidance, so we can exploit opportunities to enhance decision-making and service redesign. The MAP Toolkit (MAP, 2016) helps us do this.

The toolkit was established in 2008 and contains resources to enable health library staff to demonstrate the value and impact of their service to the wider organisation by using the language of senior managers and decision-makers. It also aims to share learning within NHS health libraries and includes:

- Easy-to-read summaries of key NHS drivers and what these mean for libraries.
- Templates for developing your projects and summarising the outcomes are available and are aligned to organisational and wider NHS objectives.
- Examples of completed case studies and project plans from NHS health libraries.
- Examples of strategies, annual reports and plans are shared by NHS libraries which are clearly aligned to their organisations.
- Posts from members of our community about how they have used the toolkit to influence within their organisation, or to discuss their own learning.

New NHS drivers are summarised specifically for NHS library staff, enabling them to not only save time in reading the entire document, but also to highlight implications for library and knowledge services. Recently added drivers include *Operational productivity and performance in English NHS Acute Hospitals* (Carter 2016) and *Delivering high quality, effective, compassionate care* (Department of Health, 2016).

Throughout 2016 we have been facilitating workshops across the UK on 'How to demonstrate impact in 5 easy steps'. These workshops were well received and we have been linking our project into the Knowledge for Healthcare Impact Toolkit to ensure consistency and that we are reflecting the key national priorities. We are hoping to share our work more widely, so please get in touch if you would like us to work with you to deliver a workshop in your region.

For 2017 we have launched a new-look site and language for MAP Toolkit. We have changed the branding slightly based on feedback from our users and have changed some of the language that we use in order to make the content more accessible to our user base. Our case studies are now called 'MAP Stories' and our project plan template has been re-branded as 'Ideas Capture'. Please take a look at these sections and feedback to the project leads if you have any comments or ideas for improvement.

Finally, we will shortly be sending out an evaluation survey to find out when, how and why health library staff are using the toolkit so please look out for this survey and let us know your thoughts. The MAP Toolkit is a resource for you, so please let us know what drivers are currently impacting on your library and knowledge service and we can build this into our plans for 2017.

You can follow our work and keep abreast of newly published drivers by following our Twitter account **@map_toolkit** or signing up for email updates from the blog and if you want to get closer to the action please join the discussion list MAP@jiscmail.com.

Further info available from MAP Toolkit Leads:

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Lord Carter (2016) Operational productivity and performance in English NHS Acute Hospitals: Unwarranted variations Available at:
https://maptoolkit.wordpress.com/2016/11/19/operational-productivity-and-performance-in-english-nhs-acute-hospitals-unwarranted-variations/

Department of Health (2016) Delivering high quality, effective, compassionate care Available at: https://maptoolkit.wordpress.com/2016/11/17/delivering-high-quality-effective-compassionate-care/

MAP (2016) MAP Toolkit Available at: https://maptoolkit.wordpress.com/

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Internet sites of interest

Clinical genetics

I have contact with genetics in both my posts. Alec Jeffreys discovered DNA fingerprinting at the University of Leicester (see http://www2.le.ac.uk/departments/genetics/jeffreys) and the Department of Genetics' GENIE Centre for Excellence in Teaching and Learning includes a Virtual Genetics Education Centre (see below). Dr Turi King in the Department was also involved in work around the famous discovery of Richard III in a city car park (see http://www2.le.ac.uk/departments/genetics/people/king/turi). Clinical Genetics is one of the areas I support as a Clinical Librarian and I am taking the opportunity in this column to publicise the 100,000 Genomes Project, an NHS project which University Hospitals of Leicester NHS Trust is very involved in.

Some resources about genetics in general are listed on the resource list I made for biological science students at the University of Leicester, at http://readinglists.le.ac.uk/lists/BA5CBD45-D486-6667-1B9B-6352E614E123.html.

Here is a list of resources about clinical (medical) genetics, sequence databases and other tools. I have not said a lot about sequence databases or sequencing tools like BLAST.

All links were checked on 6th February 2017.

A note about NCBI resources
Resources in my list marked NCBI are resources from the National Center for Biotechnology Information, part of the NLM, accessible through https://www.ncbi.nlm.nih.gov/. I have also given direct links to them all below. On any NCBI page, click Resources and go to Genes and Expression, Genetics and Medicine or Genomes and Maps to see full complete lists.

Many of the NCBI resources and sequence databases below are accessible through the new NCBI Human Genome Resources portal at https://www.ncbi.nlm.nih.gov/genome/guide/human/.

For more information about NCBI databases, try:

NCBI handbook
http://www.ncbi.nlm.nih.gov/books/NBK143764/

Training resources
http://www.ncbi.nlm.nih.gov/home/tutorials.shtml.

Nucleic Acids Research
https://academic.oup.com/nar
Each annual Database Issue of this open access journal includes an article "Database resources of the National Center for Biotechnology Information". This gives information about NCBI resources. In addition to this article about NCBI resources, there are articles about specific sequence databases and tools. 2016's Database issue included an article about ClinVar (under "Genomic variation, diseases and drugs"). The NAR site also includes a collection of articles using CRISPR, https://academic.oup.com/nar/pages/pages/crispr_cas_collection , and there is information about CRISPR in the Your Genome site (see below).

Information about searching for information on diagnostic tests
Cochrane Diagnostic Test Accuracy review handbook,
http://methods.cochrane.org/sdt/handbook-dta-reviews. Chapter 7 covers searching for studies.

HTAi Vortal (Health Technology Assessment International's Interest Group on Information Retrieval) has advice on searching for articles about diagnostic accuracy: http://vortal.htai.org/?q=node/339

(My thanks to Natalie King, Information Specialist, Leeds Institute of Health Sciences, University of Leeds, for these).

Resources for clinical genetics

The 100,000 Genomes Project
https://www.genomicsengland.co.uk/
This Project is run by Genomics England, a company owned by the Department of Health and is part of the NHS. The project is carried out by Genomic Medical Centres (GMC) situated around the UK and UHL, my trust, is part of the East of England GMC.

This project is an excellent opportunity for patients with rare conditions and certain cancers and their families to obtain a genetic diagnosis by genomic sequencing. It aims to sequence 100,000 genomes from NHS patients by 2018. Overall, this project aims to improve and personalise patient treatment and care, develop a genomic medicine service for the NHS and find new scientific discoveries and medical insights.

Click the following link for more information:
https://www.genomicsengland.co.uk/the-100000-genomes-project/

Colleagues from the East of England GMC who work in UHL, including Professor Julian Barwell, Dr Corrina Powell and Helen Harrison, have

produced "Eligibility Wheels" as a simple guide to help clinicians identify potential participants to join the 100,000 Genomes Project. The wheels bring together conditions that would be seen by a physician in a clinic setting. They can be displayed in clinical areas where most useful, such as on consultation room noticeboards or in toggled booklets. The Eligibility Wheels can be viewed and downloaded from the following link: https://www.genomicseducation.hee.nhs.uk/taught-courses/eligibility-wheels-library/.

Please share this information with healthcare professionals that see patients who may be eligible to participate in this project.

If you have any further enquiries, please contact your local GMC (details found on the Genomes project website).

(My thanks to Dr Corrina Powell and Helen Harrison for the wording about the 100,000 Genomes Project. I have edited it slightly so the final wording is mine).

British Society for Genetic Medicine
http://www.bsgm.org.uk/
BSGM is an independent body representing genetics professionals and is made up of the Clinical Genetics Society, the Association for Clinical Genetic Science and the Association of Genetic Nurses and Counsellors. The site includes patient information about reasons for being referred to medical genetics services, what happens at an appointment, and about genetic counselling. There are also links for healthcare professionals. Under Genetics Healthcare Research is information about NIHR research activities.

Centers for Disease Control and Prevention: Public Health Genomics
http://www.cdc.gov/genomics/update/current.htm
Information on family health history, genomics and specific diseases, newborn screening, pathogen genomics (including diagnosing infection and outbreaks), and genetic epidemiology. There is a link to the Public Health Genomics Knowledge Base (PHGKB), a searchable database of scientific literature.

ClinVar (NCBI)
https://www.ncbi.nlm.nih.gov/clinvar/
Information on genetic variants: are variations in an individual's genetic sequence linked to health? Search for a gene name, and see documented variants in that gene. Or search for a condition and see variations in genes linked to that condition. Click on a variation and then 'Summary Evidence' to see links to OMIM (see below) and references in PubMed.

Gene (NCBI)
https://www.ncbi.nlm.nih.gov/gene
Search for a gene and records may include " … nomenclature, Reference Sequences (RefSeqs), maps, pathways, variations, phenotypes, and links to genome-, phenotype-, and locus-specific resources…". There are links to the Genetic Testing Registry (see below). Includes humans and other species.

There is a Bibliography, which details papers relating to the gene (but not necessarily to the particular condition of interest). Gene also includes GeneRIFs, notes about the function of a gene. GeneRIFs are actually papers indexed in PubMed.

GeneCards
www.genecards.org
Information from various sources, related to "annotated or predicted" human genes. Search for gene name or condition. Information is gathered from various web sources. Gene name links to Publications.

GeneReviews (NCBI)
https://www.ncbi.nlm.nih.gov/books/NBK1116/
Peer reviewed summaries of diseases (currently 680) including diagnosis, management and genetic counselling, with cited literature. New items are detailed at the "What's new" page at:
http://www.ncbi.nlm.nih.gov/books/NBK132722/.

Gene Screen
https://www.dnalc.org/resources/gene_screen_app.html
An iPhone and iPad app produced by the Cold Spring Harbor Laboratory, with learning materials, inheritance calculators and a map (by region or disease) of genetic diseases. This link is to information about the app, part of the extensive DNA Learning Center, which has links to resources and information about other apps.

GeneTests
www.genetests.org
Information on genes, conditions associated with them, and tests and clinics (in the USA) that provide them.

Genetic Testing Registry (GTR) (NCBI)
https://www.ncbi.nlm.nih.gov/gtr/
Information from providers of genetic tests, about those tests. Genes have lists of references from PubMed. Tests have links to PubMed for references about validity and clinical utility.

Genetics Home Reference (GHR)
http://ghr.nlm.nih.gov/
A wealth of information about genes, chromosomes and conditions, covering gene function and how changes in the gene relate to health. Links to OMIM, Gene Reviews, GTR and other resources. There are custom links to PubMed for specific papers on the condition or gene. Alerts are available from: https://ghr.nlm.nih.gov/whatsnew. GHR is aimed at "consumers" but I think is useful if you need non-technical information.

Genomics Education Programme (Health Education England)
https://www.genomicseducation.hee.nhs.uk/
Set up to provide health professionals with resources about genomics and precision medicine (more information about precision medicine in GHR's

"Help Me Understand Genetics":
https://ghr.nlm.nih.gov/primer/precisionmedicine/definition).
For information on other curricula, see the Joint Royal Colleges of Physicians Training Board, https://www.jrcptb.org.uk/specialties/clinical-genetics and the GMC, http://www.gmc-uk.org/education/clinical_genetics.asp.

GWAS Central
http://www.gwascentral.org/
Summary of findings from genetic association studies. Links to datasets and literature. Information about studies links to publications arising from that study. Declaration of interest: currently funded by the University of Leicester!

HUGENavigator
http://www.cdc.gov/genomics/hugenet/hugenavigator.htm or
https://phgkb.cdc.gov/HuGENavigator/home.do
Two portals to the same set of databases (I think!), "continuously updated knowledge base in human genome epidemiology, including information on population prevalence of genetic variants, gene-disease associations, gene-gene and gene-environment interactions, and evaluation of genetic tests". The original site at hugenavigator.org is no longer there. Includes HuGE Literature Finder, which finds publisher literature in genetic association and human genetic epidemiology. Search by gene name and then filter by disease (this uses MeSH terms in the results). **Genopedia** is a CDC resource, providing a "gene centred" view of the genetic association studies in the HuGE Literature Finder. Look up a gene; see diseases associated with that gene, with publications and meta-analyses. **Phenopedia** is a "disease centred" view of the same literature - look up a disease to see linked genes, with publications and any meta-analyses.
Genopedia is at: https://phgkb.cdc.gov/HuGENavigator/startPagePedia.do
and **Phenopedia** is at:
https://phgkb.cdc.gov/HuGENavigator/startPagePhenoPedia.do.

Human Gene Mutation Database
http://www.hgmd.cf.ac.uk/ac/index.php
Published "gene lesion" information relating to human disease. Registration needed and you need to be at an academic or non-profit institution. HGMD is however three years out of date and includes no references. I mention it here only for information and clarification - HGMD is the free version of HGMD Professional, available on subscription from Biobase.

MedGen (NCBI)
https://www.ncbi.nlm.nih.gov/medgen
MedGen brings together a range of NCBI resources. See search tips on home page – [gene] finds conditions associated with that gene, [clinical features] finds conditions with that feature. Lists "recent clinical studies" but these seem

to be related to the condition, not the gene and the condition.

NHS Commissioning (England)
https://www.england.nhs.uk/commissioning/spec-services/npc-crg/group-e/e01/

NORD
www.rarediseases.org
Information about a range of rare (that is, genetic) diseases. There are references at end of article about condition. You can sign up to receive "eNews" and "eQuarterly".

Online Mendelian Inheritance in Man (OMIM)
Via NCBI, https://www.ncbi.nlm.nih.gov/omim, or via http://omim.org/. Catalogue of human genes, and genetic diseases, with origins in a printed book called "Mendelian Inheritance in Man" by Victor McKusick. Search for disease or gene. There are references. A search via the NLM interface has links to literature (in PubMed) on the results screen. Clicking through to full details takes you to the omim.org site and there is a "references" section. I got slightly different numbers of results through the two routes, perhaps because they are not updated at the same time.

OrphaNet
www.orpha.net
Portal for information on rare diseases and orphan drugs. Search for a condition. There may be links to literature in PubMed about a condition searched for, but not a condition and a specific gene. "Detailed information (practical genetics)" may be a link to an article. You can sign up for the OrphaNet Newsletter.

PHG Foundation
http://www.phgfoundation.org/
A thinktank looking at genetics and genomics. Current projects include infectious disease genomics and data sharing, and there are publications responding to things like the Long Term Sustainability of the NHS report. You can sign up for a monthly roundup.

Public Health Genomics Knowledge Base (PHGKB) – see Centers for Disease Control and Prevention: Public Health Genomics above.

PubMed (NCBI)
https://www.ncbi.nlm.nih.gov/pubmed
Included as there could be links from a specific reference to a range of genetic resources. Look at the abstract for the article, and then for "related

information". A search for a gene name (or something that could be a gene name) will activate the "gene sensor" and in a box at the top of the results there will be links to references about the function of that gene, and to information in Gene and GTR.

Virtual Genetics Education Centre
http://www2.le.ac.uk/departments/genetics/vgec
Resources, including videos and experiments, for health professionals, education (schools, FE and HE) and the public. Declaration of interest: this is produced by the GENIE CETL at the University of Leicester!

Your Genome
http://www.yourgenome.org/
Produced by the Public Engagement team at the Wellcome Genome Campus, Cambridge, an introduction to genetics and genomics, including ethical issues.   It includes videos, on screen and on paper activities and a glossary.

If I have missed anything you find useful, please let me know. Please get in touch if you have suggestions for future columns, or would like to compile one.

Keith Nockels

My contact details (two jobs, so two ways to make contact – please use either):

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Book reviews

Jankowski, Terry Ann.
Expert Searching in the Google Age
Lanham: Rowman & Littlefield, 2016
ISBN 978-1-4422-3965-4. 89pp

Expert Searching in the Google Age is a practical, comprehensive guide to literature searching for healthcare information professionals, serving both as an introduction (the target audience being beginners and new professionals) and a refresher for more experienced searchers, the slim volume belying its comprehensive but simple coverage.

UK readers ought to be aware of the US bias to some of the resources discussed (for example the National Guideline Clearinghouse and MLA guidance), but this is not detrimental to the overall usefulness, as of course the majority of bibliographic databases are international and the majority of resources such as Medline, Embase, Cinahl and Cochrane will be familiar to UK readers. The approach means the advice and pointers given are transferable and applicable, and indeed many of the techniques discussed are relevant to non-healthcare topics too.

The book is part potted history, discussing how systems have changed over time, and part practical guide. It would be a useful companion to a practical literature searching course, to delve into for reassurances and tips to improve search techniques. Many of the chapters include an exercise to help translate the techniques described into real life scenarios and apply the learning, without it feeling too much like a textbook in the process. The approachable, conversational style is that of an experienced colleague guiding the reader through the reality of searching with reassuring guidance, anecdotes and tips.
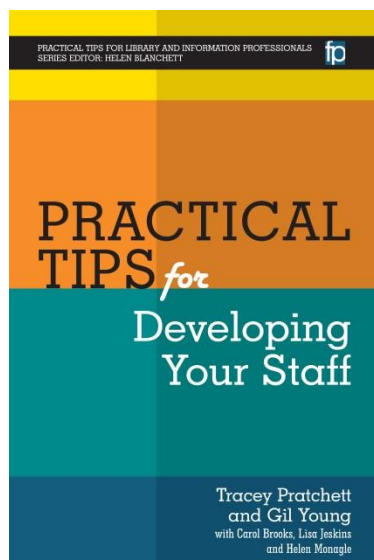
The book follows the literature search process from start to finish, covering the reference interview; selecting resources; creating a strategy and selecting search terms; reviewing the results, and ending with a discussion on the presentation of results. This approach helps keep it grounded in real life application, and gives pointers for consideration at each stage of the search,

acknowledging there is no perfect search but shows how improvements can be made, with checklists or prompts for consideration at each stage. It discusses considerations for database selection, as well as the pros and cons of natural language and controlled vocabulary, as well as Booleans and proximity operators. For beginners, this helps contextualise the considerations of each stage in the overall process. The practical approach is complemented throughout by anecdotes from the author's own experiences, with relevant background theory, such as database anatomy, brought in when needed.

The title perhaps suggests more of a focus on or critique of web search as a means of information retrieval, as well as moving into elements of critical appraisal and information literacy, or a more in depth discussion of expert searchers using Google as a tool in its own right. And, although reference is made to the role of web search, this is by no means the sole purpose of the book, with the focus on database search. Readers ought to be aware this is not a book to study the intricacies of web search, but rather to consider database search in the context of ubiquity of information on the web.

It would serve a useful companion for someone honing their search skills, or for a more experienced searcher to dip into for reassurance when needed, or merely to further appreciate the development of literature searching from the 1960s to present, and explore the development of key techniques a little further, following up on the well-selected further reading and references when required.

Emily Hopkins, Programme Manager – Knowledge Management
Health Education England North West

Pratchett, Tracey and Young, Gil
Practical Tips for Developing Your Staff
London: Facet Publishing, 2016
ISBN 9781783300181. 224 pp

The title of this book gives the content away: Practical tips for developing your staff.

It is a reference book. It is the type of book that may be referred to when

putting together a continuing professional development plan for individual librarians or a team of library and knowledge professionals. The purpose is mainly a practical one: develop your staff. It is part of a series of books from Facet Publishing on 'practical tips for library and information professionals' edited by Helen Blanchett.

This book was written by a combination of two main authors Terry Pratchett and Gill Young, with input from a further team of three authors – Carol Brooks, Lisa Jeskins and Helen Monagle. A brief biography of each contributor is given at the beginning of the book to validate their credentials and give the reader confidence to continue reading.

The readership of the book is aimed squarely at library and information practitioners, with a particular relevance to managers or those in positions with oversight of training budgets for library staff.

The book is organised into three distinct sections, each bigger than the first. The final section is labelled 'Activities and Tools' which places the emphasis of the content of the book on the practical. This is overall a book with a purpose. Its purpose is to share current knowledge on developing staff, using available tools and techniques which are in the main, accessible to most. Each section has a series of numerically ordered tips, it is arranged is such a way as the reader can dip in and out of any section and gain knowledge. The main idea of the book is to promote and encourage learning amongst all staff. CPD is promoted as being an important motivational tool as well as facilitating career planning and wellbeing.

The book covers a topic that has resonance with managers and library and information professionals alike. Having a development plan at the individual and team level is arguably essential for all library staff who work in an ever changing information environment. The book draws from established educational and psychological theories such as Myers Briggs Type Indicator and Kolb learning cycle and summarises their usefulness and applicability to a librarian audience. The 'best for' tip at the end of each theory is particularly useful as well as the 'further reading' section.

The book is written with a library manager in mind and is the views expressed are pitched at a managerial audience. The style is business-like and the book fits into the domain of library management. It does suit the intended audience, contains much practical information, and references tools widely used today such as social media, as well as long established CPD routes such as attending conferences.
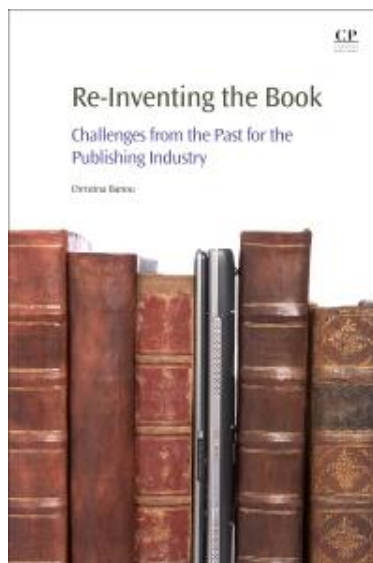
All of the theories in section one are clearly explained and referenced. The examples given in section three are equally well referenced with acknowledgements noted. The information is entirely accurate and well sourced. There are many tables and figures throughout the book that aid understanding, though this may depend upon the learning style of the reader. Each chapter has a list of references at the end and fully indexed. The references draw heavily from the UK as do the majority of examples given,

but perhaps the intended audience is broadly a UK based one.

Overall the book has fulfilled its purpose of sharing practical tips for developing staff. Clearly a lot of research and collaboration has led to its enriched content. The book may have benefitted from drawing on some more international examples in the third section of the book. A second edition of this would be welcomed in a few years when new CPD paths emerge and as the world that we live in continues to absorb information and learning at an alarmingly fast pace.

I'd highly recommend this book both for first time or seasoned library managers. There is something in there that managers may not have thought of or tips and takeaways that managers could certainly benefit from. I'd equally recommend this book to solo librarians who are interested in career planning and may not have the means or resources to fund CPD. Every library manager should find a spot on their reference shelf for this book.

Aoife Lawton, Health Service Executive Ireland
National Health Library & Knowledge Service

Banou, Christina
Re-inventing the book: challenges from the past for the publishing industry
Kidlington: Chandos Publishing, 2017
ISBN 978-0-08-101278-9 (print);
978-0-08-101279-6 (online). 153 pp

Stephen Ayre, Library Services Manager, George Eliot Hospital NHS Trust.

Christina Banou in *Re-inventing the book* compares the current revolution in publishing driven by the invention of the Internet, with the last major revolution, driven by the invention of the printing press. It is part of the Chandos Information Professional series that aims to give practitioners an easy to read "authoritative view of current thinking" (p. ii).

Banou is Assistant Professor in publishing and book policy at the Ionian University, Corfu, Greece. Her book is essentially a literature review of features of current publishing which she has found parallels with in the past, mainly the Renaissance and Baroque periods (15th -17th Centuries). What sounds like a fascinating theme is unfortunately let down by impenetrable prose. I found the book very hard going.

After an introduction outlining how books are currently being reinvented from paper to digital, and how this is comparable to the transition from manuscripts to the printed book, Banou focuses on three areas:

• Aesthetics: Book illustration in printed books, following the tradition of illuminated manuscripts, has now morphed into multimedia works online, both of which were/are used to market books. Aesthetics have changed in other ways too: a printed book looks like a book, with a frontispiece, title page, front matter etc. These look different when translated into the digital world. Sadly this chapter lacked illustration of how books in the past looked to make her argument clearer.

• Engaging readers: Online communications has made engagement with readers much more widespread in the modern world. However Banou gives examples of it happening from the start of print. Pietro Aretino in 16th Century Rome and Venice published his correspondence with his readers like a modern day blog. Early modern authors were often dependent on patronage. Now authors can be crowd-funded. Readers have always wanted short printed books or serials (Louis Hachette's 19th Century French railway station bookshops producing pocket editions are cited as an example), now books are getting longer (on average by 80 pages since 1999) as there is no limit in the digital world.

• Publisher value chain: Publishers now have far more usage data around books now than ever before. Aldus Manutius in Renaissance Venice produced libelli portatiles (small classic works stripped of editorial comment), but now we have mobile readers with access to a modern-day Library of Alexandria, with publisher recommendations.

My sense throughout was that was that Banou was finding echoes of current publishing in the past, but that they were all quite eclectic and small scale rather than the revolution we are experiencing today. Changes to current publishing were explored competently enough, but historical parallels were then cherry-picked. I would have preferred a more holistic approach to the publishing worlds of the past.

So I was quite disappointed with this book. It promised so much but did not really deliver. Current publishing developments are related fairly competently (although with a focus on consumer rather than scholarly publishing), but the prose is such hard work that I cannot recommend it. As for the historical comparisons, they were not explored enough to do them adequate justice. Banou concludes with the statement that "each book competes with the time: personal time and objective time, the time of the book and of the author, even of the reader." (p.145). Don't spend your precious time on this one.

Stephen Ayre, Library Services Manager
George Eliot Hospital NHS Trust

If readers are interested in being a reviewer for this column, do get in touch. Reviewing books keeps the reviewer up to date with the professional literature, not just in health librarianship but across the wider profession. It gives the reviewer valuable experience of writing for publication, and a published book review can be powerful evidence for professional registration and revalidation portfolios. And reviewers can keep the book!

If you would like to be added to the register of reviewers, contact me at **tom.roper@bsuh.nhs.uk** with your preferred contact details, and tell me of any particular areas of interest or expertise you may have.

Tom Roper
Book Reviews Editor

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Current literature

eHealth and technologies

Arean, P. A., Hallgren, K. A., Jordan, J. T., Gazzeley, A., Atkins, D. C., Heagerty, P. J., & Anguera, J. A. (2016). The use and effectiveness of mobile apps for depression: Results from a fully remote clinical trial. *Journal of Medical Internet Research, 18***(12).**
OPEN ACCESS
http://www.jmir.org/2016/12/e330
ABSTRACT

The objective of this study was to compare patterns of usage and clinical outcomes across the United States between three different mobile apps for depression. Currently there is little information on whether patients use the apps as intended and the impact that they have on mental health outcomes. The study found that mobile apps for depression appeared to have the greatest impact on people with moderate levels of depression.

Chiu, M.-H. P. (2016). An investigation of the questions posted on medical consultation websites. *Health Information and Libraries Journal, 33***(4), 283-294**
http://dx.doi.org/10.1111/hir.12153
ABSTRACT

This study looked at online medical consultations, an increasingly popular venue for questions relating to health care, where patients and caregivers discuss health problems and symptoms with qualified medical health professionals online. The study identified the styles of behaviour that questioners demonstrated as well as the purpose of their questions in order to help guide the design of more effective patient-centred online medical consultation services.

Mikhail, A. D., Harrison, A. M., Tiong, I. C., Pickering, B. W., Franco, P. M., & Herasevich, V. (2016). Testing modes of computerized sepsis alert notification delivery systems. *BMC Medical Informatics and Decision Making, 16***, 156.**
OPEN ACCESS
http://bmcmedinformdecismak.biomedcentral.com/articles/10.1186/s129 11-016-0396-y
ABSTRACT

The number of electronic health record (EHR)-based notifications continues to rise. One common method to deliver urgent and emergent notifications (alerts) is paging. Despite the wide presence of smartphones, the use of these devices for secure alerting remains a relatively new phenomenon. Technical failure of secure smartphone/tablet alert delivery presents a barrier to testing the optimal method of urgent alert delivery in the ICU setting. Further investigation is therefore necessary to understand human and technical barriers to their implementation.

Information seeking and research behaviour

Boger, T. S., Dybvik, H., Eng, A.-L., & Norheim, E. H. (2016). An assessment of library instruction: its influence on search behaviour of first and third year students. *Journal of Information Literacy, 10*(2). http://search.proquest.com/docview/1850345650?accountid=26452

ABSTRACT
This article presents the results of a follow-up study conducted at Østfold University College in 2015 which set out to examine information resource use among students of nursing and teacher education. The first study was presented in an article published in the Journal of Information Literacy Vol. 9 No. 1 (Boger et al. 2015). The two qualitative studies were carried out by interviewing the students about their skills in information retrieval, and observing them. The results show differences in search behaviour between first-year and third-year students, a decrease in the use of Google, and a difference between the students from the nursing faculty and the teacher education faculty.

Lema, D. V. (2016). Meeting non-traditional medical information needs for the unique populations and geographically remote locations of Alaska. *Medical Reference Services Quarterly, 35*(4), 449-453. http://www.tandfonline.com/doi/abs/10.1080/02763869.2016.1220761?journalCode=wmrs20

ABSTRACT
The types of information required by hospital and clinical staff can be greatly influenced by the geography and culture of the area in which they operate. In some situations, information must be acquired from sources that fall outside the traditional provisions of a medical or reference library. This article provides examples of the unique information needs of clinical staff serving a primarily Native Alaskan and Native American clientele in Alaska. It also presents sources and personnel utilized to meet those information needs outside of traditional reference sources.

Rose, I. D., & Friedman, D. B. (2016). HIV information needs of parents of young men who have sex with men. *Health Information and Libraries Journal, 33*(4), 308-322. http://dx.doi.org/10.1111/hir.12152

ABSTRACT
This study identifies the need for credible information on health concerns, particularly HIV, from trusted sources for young men who have sex with men (YMSM). The primary objective of this study was to examine the proxy health information seeking behaviours of parents of YMSM and to identify information resources that parents need to communicate with their YMSM identified child about HIV prevention.

Staffing and strategy

Fought, R. L., & Mitsunori, M. (2016). Effective leadership in academic health sciences libraries: A qualitative phenomenological study. *Journal of Library Administration, 56*(8), 974-989.

ABSTRACT

This study aimed to better understand how academic health sciences library directors developed their understanding of what constituted effective leadership. A thematic analysis on the interviews of eight health sciences library directors identified key themes around leadership from the data. The findings suggest there are internal and external leadership responsibilities for library directors, both of which are important, however, the internal responsibilities are easier to delegate. Also, academic health sciences library directors need better evaluation methods for determining their effectiveness as leaders.

CPD and education

Cervone, F. H. (2016). Perspectives on informatics in the health sciences for information professionals. *Digital Library Perspectives, 32*(4), 226-23.
ABSTRACT

Informatics is a relatively new interdisciplinary field which is not very well understood outside of specific disciplinary communities. With a review of the history of informatics and a discussion of the various branches of informatics related to health-care practice, the paper aims to provide an overview designed to enhance the understanding of an information professional interested in this field.

Maranda, S., Harding, B., & Kinderman, L. (2016). Evaluation of the long-term impact of a curriculum-integrated medical information literacy programme. *Journal of the Canadian Health Libraries Association, 37*(3). OPEN ACCESS
ABSTRACT

This study examined the perceived benefit to participants on a curriculum-integrated information literacy programme during their first two year of medical school. A short survey included questions about medical students' attitudes and behaviours, their use of information resources, and their medical information literacy knowledge. The results suggested positive outcomes from the information literacy programme, but also identified areas of change and improvement for librarians to manage.

Editor's pick

Kim, S. U., & Syn, S. Y. (2016). Credibility and usefulness of health information on Facebook: A survey study with U.S college students. *Information Research, 21*(4).
ABSTRACT

This study examines ways in which college students perceive the credibility and usefulness of health information on Facebook, depending on topic sensitivity, information source and demographic factors. The researchers collected data from two universities through an online survey with 351

responses used for analysis. The study demonstrates critical factors influencing students' perceptions of health information on Facebook and provides implications for healthcare marketers and health educators.

Key points

- Students tended to consider professional information sources as more credible and useful than non-professional information sources on Facebook
- The more students are educated, the more credible or useful they consider professional information sources
- Female students tend to trust highly sensitive health information more than male students
- Students living in campus residence halls are less likely to consider health information on Facebook as credible or useful

Daniel Simkin, Information Resources Co-ordinator
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Please send contributions to ***Daniel.simkin@rcn.org.uk***

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Diary of events

22 March 2017
Introduction to Critical Appraisal
National Clinical Guideline Centre, 180 Great Portland Street, London
http://www.ngc.ac.uk/Training-Courses/37-Introduction+to+critical+appraisal
£300

23 March 2017
Systematic Reviews and Meta-analysis in Action
National Clinical Guideline Centre, 180 Great Portland Street, London
http://www.ngc.ac.uk/Training-Courses/38-Systematic+reviews+and+meta-analysis+in+action
£300

23 March 2017
Understanding Search Strategies for HTA and Systematic Reviews: an Introduction
YHEC, University of York
http://www.yhec.co.uk/training/understanding-searching-techniques/
Early bird registration £200 (+£40 VAT)

24 March 2017
UHMLG Spring Forum: Professional Knowledge, Skills and Competencies for Health & Medical Librarians
Royal Society of Medicine, London
https://www.eventbrite.co.uk/e/uhmlg-spring-forum-tickets-27433487299
Range of package options

28 March 2017
Identifying the evidence for systematic reviews: an introduction for information professionals
Centre for Reviews & Dissemination, University of York
http://www.york.ac.uk/crd/training-services/identifying-the-evidence/
£160 for public sector & non-profit organisations
£540 (incl. VAT) for private & commercial companies

10-12 April 2017
LILAC 2016
Swansea University
http://www.lilacconference.com/lilac-2017
Range of package options

16-19 May 2017
CHLA-ABSC Conference 2017
Edmonton, Alberta
http://www.chla-absc.ca/chla-absc-2017.php
Range of package options

17-21 May 2017
HTAi 2017 Annual Meeting: Towards an HTA Ecosystem: From Local Needs to Global Opportunities
Rome, Italy
http://meeting.htai.org/events/htai-rome-2017/event-summary-1c2301d261504d679c3b63c233b5033a.aspx
Range of package options

26-31 May 2017
MLA '17: 117th Annual Meeting and Exhibition: Dream Dare Do
Washington State Convention Center, Seattle, Washington, USA
http://www.mlanet.org/p/cm/ld/fid=996
Early bird registration until 19th April. Range of package options

12-16 June 2017
ICML +EAHIL 2017: Diversity in Practice: Integrating, Inspiring & Innovative
Dublin Castle, Ireland
http://eahil2017.net/
Early bird registration until 31st March. Range of package options

18-21 June 2017
EBLIP9: 9th International Evidence Based Librarian and Information Practice Conference
Philadelphia, Pennsylvania, USA
http://eblip9.org/
Range of package options.

20-23 June 2017
The Nottingham Systematic Review Course
University of Nottingham
http://schizophrenia.cochrane.org/nottingham-systematic-review-course
£800

3-7 July 2017
Systematic Reviewing
University of Nottingham
https://www.nottingham.ac.uk/research/groups/cebhc/courses-and-workshops/short-courses-in-systematic-reviewing/five-day-course.aspx
£950

5-6 July 2017
CILIP Conference 2017
University of Manchester
http://cilipconference.org.uk/
Early bird registration ends 28th April. Range of package options

12 July 2017
Introduction to Critical Appraisal
National Clinical Guideline Centre, 180 Great Portland Street, London

http://www.ngc.ac.uk/Training-Courses/36-Introduction+to+critical+appraisal
£300

13 July 2017
Systematic Reviews and Meta-analysis in Action
National Clinical Guideline Centre, 180 Great Portland Street, London
http://www.ngc.ac.uk/Training-Courses/39-Systematic+reviews+and+meta-analysis+in+action
£300

19-25 August 2017
IFLA World Library and Information Congress 83rd IFLA General Conference and Assembly: Libraries. Solidarity. Society.
Wrocław, Poland
http://2017.ifla.org/
Early registration until 15 May 2017. Range of package options

11 October 2017
Searching Trials Registers and Regulatory Agency Sources to Identify Clinical Trials for Systematic Reviews and Other Clinical and Research Questions
University of York
http://www.yhec.co.uk/training/searching-trials-registers/
Early bird registration £200 (+£40 VAT)

17 October 2017
Advanced Search Techniques For Systematic Reviews, Health Technology Assessment and Guideline Development
University of York
http://www.yhec.co.uk/training/advanced-search-techniques/
Early bird registration £200 (+£40 VAT)

18 October 2017
Advanced Search Strategy Design for Complex Topics: Strategy Development, Text Analytics and Text Mining
University of York
http://www.yhec.co.uk/training/advanced-search-strategy-design/
Early bird registration £200 (+£40 VAT)

8 November 2017
Introduction to Critical Appraisal
National Clinical Guideline Centre, 180 Great Portland Street, London
http://www.ngc.ac.uk/Training-Courses/40-Introduction+to+critical+appraisal
£300

9 November 2017
Systematic Reviews and Meta-analysis in Action
National Clinical Guideline Centre, 180 Great Portland Street, London

http://www.ngc.ac.uk/Training-Courses/41-Systematic+reviews+and+meta-analysis+in+action
£300

This column is edited by Julia Garthwaite. Please send contributions and information about future events to:

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Newsletter editorial notes

CILIP is the UK's professional body for library and information professionals and includes the Health Libraries Group (HLG) as one of its subgroups. HLG has two regular publications: the *Health Information and Libraries Journal* (HILJ) and the *HLG Newsletter*. In a collaborative approach, they provide their joint readership with a comprehensive coverage of the health and social care information sectors. The *HLG Newsletter* is freely available to all across the globe and is posted quarterly on the HLG web site. Published by Blackwell Publishing Ltd., HILJ is the official journal of the HLG. Reduced subscription rates are available to members of HLG, the European Association for Health Information and Libraries (EAHIL), the Medical Library Association (MLA) and the Australian Library and Information Association (ALIA). Members wishing to subscribe to the journal should order direct from Blackwell Publishing Ltd., 9600 Garsington Road, Oxford OX4 2DQ, quoting their CILIP membership number.

Contributions to the *Newsletter* should be sent to:

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Next Copy dates:

Issue date	Deadline for content
June	12 May 2017
September	11 August 2017
December	10 November 2017

HLG Members email discussion list

Sign up today by going to **http://www.jiscmail.ac.uk/hlg-members** and following the onscreen instructions.

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