

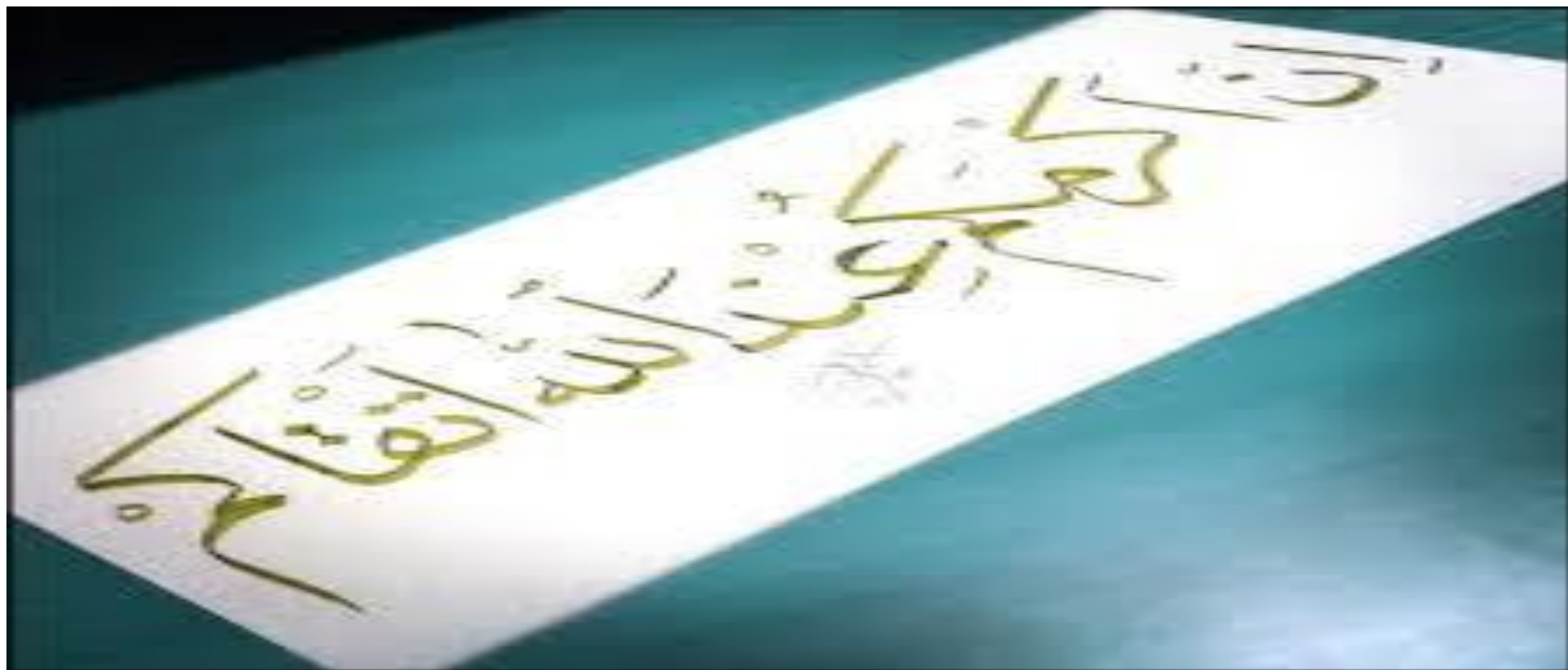
بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

قُلْ أَعُوذُ بِرَبِّ النَّاسِ ﴿١﴾

مَلِكِ النَّاسِ ﴿٢﴾ إِلَهِ النَّاسِ ﴿٣﴾

مِنْ شَرِّ الْوَسْوَاسِ الْخَنَّاسِ ﴿٤﴾

الَّذِي يُوسْوِسُ فِي صُدُورِ النَّاسِ ﴿٥﴾ مِنَ الْجِنَّةِ وَالنَّاسِ ﴿٦﴾



۱/۱۰ ماموریت

طراحی سامانه ارزشیابی و رتبه بندی کتابداران و اطلاع رسانی
شاغل در وزارت بهداشت، درمان و آموزش پزشکی

این ارایه غیر مستقیم در همان راستاست با نیم نگاهی به محور
همایش (آینده نگاری)

**New Roles and New Horizons for Health
Sciences Librarians and Libraries**

MY TENTATIVE QUESTIONS

1. Which new roles for health sciences librarians would you follow as a library director, and how would you introduce those roles to your existing staff?
2. Which professional development activities would you recommend for health sciences librarians who want to take on new roles?
3. What research could hospital or clinical librarians conduct to show the value of their services?
4. Which organizational structure or academic institution, research organization, or hospital, or departments could use or support health sciences librarians?

THE MANY NAMES OF AN INFORMATIONIST

- 1) Bioinformationist
- 2) Clinical Informationist
- 3) Clinical Librarian
- 4) Clinical Medical Librarian
- 5) **Embedded Clinical Librarian**
- 6) Information Specialist In Context (ISIC)
- 7) Public Health Informationist
- 8) Research Embedded Health Librarian (REHL)
- 9) Research Informationist
- 10) Research Librarian

Areas of Competence

- 1. Communication**
- 2. Systematic review**
- 3. Critical Appraisal**
- 4. Management and organisational skills**
- 5. Manage and organise health information**
- 6. Training and education**
- 7. Legal**
- 8. Leadership**
- 9. Technology**
- 10. Understand Healthcare environment**

Areas of Competence

Communication

- Effective communication skills (ALIA).
[Australian Library and Information Association](#)
- The Library and Information Service must be positioned to communicate with decision makers at the highest levels throughout the organisation (CHLA).
[Canadian Health Libraries Association](#)
- IT and communication as generic skills (CILIP)
[the Chartered Institute of Library and Information Professionals](#)
- The Library and Information Service encourages open communication (HSLG).
[Health Sciences Libraries Group](#)

Systematic review

- Systematically gather and analyse data and disseminate the findings to advance library and information science theory and its application to the provision of information services (ALIA).

Australian Library and Information Association

- The accumulation, appraisal and evaluation of literature to a specific research question (HSLG).

Health Sciences Libraries Group

- Understanding scientific research methods, and the ability to critically examine and filter research literature from many related disciplines (MLA).(RAMDOO)

Medical library Association

EBP Step 3: Appraise the evidence using PECOT & **RAMBO** on the GATE frame

- P
- E
- C
- O
- T



- Recruitment
- Allocation
- Maintenance
- Blind or
- Objective
measurements of outcomes

Critical Appraisal

- Critical appraisal skills (CILIP).

[the Chartered Institute of Library and Information Professionals](#)

- Critical appraisal skills. The skills necessary to evaluate the validity, reliability and clinical applicability of current literature to support evidence-based practice (HSLG).

[Health Sciences Libraries Group](#)

- The ability to critically examine and filter research literature from related disciplines including:

- using quantitative and qualitative methodologies and techniques and their interpretation
- locating, organising, and critically evaluating the research literature
- using principles of evidence-based practice to support decision making
- conducting research and reporting and disseminating research findings either individually or in interdisciplinary research teams (MLA).

[Medical library Association](#)

Materials and Methods

Evaluation

– A checklist is valuable for authors, evaluators, and readers

- Randomised trials CONSORT
- Observational studies STROBE
- Systematic reviews PRISMA
- Case reports CARE
- Qualitative research SRQR
- Diagnostic / prognostic studies STARD
- Quality improvement studies SQUIRE
- Economic evaluations CHEERS
- Animal pre-clinical studies ARRIVE
- Study protocols SPIRIT

For more information see: <http://www.equator-network.org/reporting-guidelines/coreq/>

And

CASP

Management and organisational skills

- The Head of the Library and Information Service writes, implements and monitors a plan for the development of the Library and Information Service (HSLG).

[Health Sciences Libraries Group](#)

- Management of people and the ability to manage.

Manage and organise health information

- In-depth knowledge of print and electronic information resources (CHLA).

Canadian Health Libraries Association

- Ability to organize information in a logical and simple way so that users can access the information they need as quickly as possible(CILIP).

the Chartered Institute of Library and Information Professionals

- Have the ability to manage health information resources in a broad range of formats (MLA).

Medical library Association

Training and education

- Delivering training on information literacy in-person and online to a variety of healthcare professionals, students and managers at varying levels.
- Creating guides, training materials, etc. in a range of media. Training in evidence-based searching and use of information resources (CHLA).

Canadian Health Libraries Association

- Providing training to assist staff in identifying information in support of both their professional and personal development (CILIP).

the Chartered Institute of Library and Information Professionals

- Understanding curricular design and instruction and the ability to teach ways to access, organise, and use information including:
 - I. adult learning theory and cognitive psychology
 - II. educational needs assessment, analysis and evaluation
 - III. instructional methodologies, technologies and systems design
 - IV. management of education services (MLA).

Medical library Association

Legal

- The Library and Information Service complies with relevant legislation, the CHLA/ABSC/MLA Code of Ethics <http://www.chla-absc.ca/assoc/chlawhat.html> and organisational policies, procedures and standards (CHLA).

Canadian Health Libraries Association

- Compliance with relevant legislation, for example copyright law, health and safety law, etc. (HSLG).

Health Sciences Libraries Group

- Understand the clinical care, research, medical education, cultural, ethical, economic, and legal issues and environments (MLA).

Medical library Association

Leadership

- Leadership and Support (CILIP).

the Chartered Institute of Library and Information Professionals

- The Head of the Library and Information Service provides effective leadership in the planning and development of library and information services(HSLG).

Health Sciences Libraries Group

- Knowledge and understanding of the application of leadership theory and techniques (MLA).

Medical library Association

Technology

- Relevant information and communications technology and technology application skills. Hospital libraries have the ability to customise and brand resources for the benefit of their users, for example activate Ask-A-Librarian type features, add local holdings statements, add link outs to locally subscribed electronic full text journals, etc. (ALIA).

Australian Library and Information Association

- Use of appropriate technologies to access and manage information resources (HSLG).

Health Sciences Libraries Group

- Understand and use technology and systems to manage all forms of information (e.g. automated systems, database and website management systems, **electronic health care systems and medical records**; acquisition, use, and evaluation of information technologies) (MLA).

Medical library Association

Understand Healthcare environment

Understand the policies, issues and trends that impact the healthcare environment including:

- current management and business practices
- the parent organisation's (academic medical centre, hospital, government, corporate, etc.) major policy and programme sources
- the health sciences professions
- the clinical care, research, medical education, cultural, ethical, economic, and legal issues and environments
- various health and health-related organisations (MLA).

[Medical library Association](#)

Manage and organise health information



Colors in Literature

- **Red** is often used in gothic literature to symbolize passion, violence and intensity.
- **Black** is also a color used in gothic literature to symbolize death, power, mystery, and fear.
- **Green**, similarly to in room decoration and psychology, symbolizes nature and relaxation.
- **Yellow** is a joyous, intellectual color. It also represents loyalty.

Colors in Literature

cont.

- **blue** is used to draw a positive response and represents calmness and peace.
- **Pink** in literature can symbolize romance, love, friendship, and positivity.
- White represents innocence and purity.
- **orange** symbolizes desire and fire

Colors in scientific Literature

- A **white paper** is an authoritative document intended to fully inform the reader on a particular topic.
- **Grey literature** (or **gray literature**) are materials and research produced by organizations outside of the traditional [commercial](#) or [academic publishing](#) and distribution channels.
- **Black Papers** were a series of articles on British education, published from 1969 to 1977 in the Critical Quarterly; their name intended as a contrast to government White **Papers**.



بیز یا درفش



Cut the baby's umbilical cord

Twin suggestions



- I. Understand and use technology and systems to manage **all forms of information** (e.g. **automated systems**, database and website management systems, **electronic health care systems and records**; acquisition, use, and evaluation of information technologies) (MLA).

- II. **Patient**

1. Leveraging electronic health records for clinical research. –
NCBI:by SR Raman - 2018 : Am Heart J. 2018 Aug;202:13-19
2. Health Records as an Educational Tool: Viewpoint: by Yacob Habboush, Robert Hoyt and Sary Beidas : JMIR Med Educ. 2018 Jul-Dec; 4(2): e10306
3. Methods for Linking EHR Notes to Education Materials: AMIA Jt Summits Transl Sci Proc. 2015: 209–215. Jiaping Zheng and Hong Yu.
4. A pilot study: a teaching electronic medical record for educating and assessing residents in the care of patients: Med Educ Online. 2018; 23(1): 1447211. Joshua Smith, W. Graham Carlos, Cynthia S. Johnson, Blaine Takesue, and Debra Litzelman

شهرم دیار مردمانی ارجمند است
اقلیم اخلاص است و نامش بیرجند است

با تشکر