Modern Skills and Technologies for Growth of Health Sciences Librarians
By

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ABSTRACT:

Today's medical education system skills developments and many technological advances have made tremendous changes in the health care profession, and it is a difficult task for health sciences library professionals to support medical best practitioners in providing information to access, supports, and search better for universal quality health service to the betterment of the healthcare environment. Medical librarians are able to employ their thoughts to deliver greater services to healthcare best practitioners more quickly and easily as a result of many skill developments and numerous advancements in web-based technology. This article will look at the introduction, the study's aims, medical librarianship abilities, and how sophisticated technologies are transforming libraries.

Keywords: **Medical Librarianship; Best Practices; Skills developments; Technological Advances; Reshaping Libraries; Green Libraries;**

INTRODUCTION:

Any medical education/research institution's main goal is to mound society for the better through boosting educational and learning standards. Hundreds of hours of content have been generated by librarians throughout the world to assist students/users in developing and strengthening basic knowledge, research skills, and technology. When new information, communication, and technology are innovating day-to-day living, such as best practises, health sciences librarians face difficult tasks in providing the correct information at the right time for medical best practitioners (Doctors-Research Scholars & others). A Clinical/Medical Librarian is a professional who will Better Health via Better Information by AAHSL, keeping all of these elements in mind. Be a capable person who can effectively provide information to medical and research team members and has a crucial position a key role in supporting clinical decisions through innovative skills developments and technological advancements.

OBJECTIVES OF THE STUDY:

The major goal of this research is to look at the skills and technology that are needed to enhance medical librarianship and make him a vital element of the healthcare environment.

1. To investigate how Medical Librarian skills and technologies might aid healthcare practitioners.

2. To assess library professionals' attitudes about skills and technology aids in medical education.

SKILLS AND TECHNOLOGIES OF MEDICAL LIBRARIANSHIP:

Library & Information Centers/Medical Libraries are increasingly becoming a global information hub for a variety of skills and technological advances that are available and accessible to users. Where people have the best chance of retrieving and accessing the knowledge they need from all disciplines throughout the world. Users can enter and access such a library 24 hours a day, 365 days a year, from a single location, and these libraries will function as libraries without walls/borderless, allowing users to obtain needed knowledge at any time and from any location by utilizing talents and technical improvements.

SKILLS FOR THE MEDICAL LIBRARIANSHIP;

A talent is the taught capacity to accomplish a specific task with predictable outcomes and good execution in a specific period of time. The Librarian, for example, should be able

to complete any task successfully and face the challenges that his profession entails, such as health education and learning, research and development, promoting access to the world's health sciences information, and ensuring that the best health information is available to all.

Present at conferences/seminars, produce posters, collaborate with IT, conduct systematic reviews, develop collections, provide data support, peer review, resource sharing, and academic communication, among other things.

Professional and communication abilities such as specialised information search, content generation, resource management, familiarity with evidence-based medicine, teamwork, and others should be strengthened.

Organizational Skills: Focus on time management, goal-setting, delegating, working under pressure, self-motivation, attention to detail, analytical thinking, decision-making, strategic planning, and other organisational skills based on day-to-day duties.

Adaptability Skills: This is a soft skill that is distinct from other skills in that the librarian is able to learn quickly and respond appropriately to changing circumstances, and his workplace is flexible and capable of responding well to their work environment. Likely, Be Aware of Changes, Develop a Positive Mentality, Set Goals, Get Feedback, and Accept Changes

Enthusiasm for Lifelong Learning: Rapid changes in educational systems will entice people to study more, continue their education, gain practical skills, and explore new interests.

TECHNOLOGIES FOR RESHAPING LIBRARIES;

The world of medical libraries has changed dramatically in recent years, from print-based to digital to today's virtual library environment. Libraries in the twenty-first century are no longer only storage facilities for documents, and librarians are no longer just bookkeepers or custodians. Libraries have grown, rethought, and reinvented themselves, and now they provide a wide range of data services utilising new innovations and cutting-edge technologies, as well as reaching out to its users through social networking and digital media, like never before. When technology improvements expand access to digital information sources, cloud storage, and social media, Health Sciences Librarians are typically thinking about reshaping libraries with a variety of advanced technical aids.

Scholarly literature access: for the research and development.

Digital Consortia & E-Books Access Models: with the coordination, co-operation/consolidation with group of libraries and two/three publishing agencies are achieve mutual benefits through resources sharing. **Example**: ERMED Consortium, NML Consortium, HELINET Consortium, NTRMED Consortium & others.

Enhancing web technologies and its applications: Librarian he is to innovative, boost quality, measure success, and enhances service with the priorities of their organizations by acquiring and disseminating of information through web applications. Mainly online classes conducted during COVID-19 pandemic situation by *ZoomApp, Google Meet, WebEx and etc*.

Act as a Plagiarism Detector to build the quality of research.

Secure the library with **Security Systems** and integrate the **RFID Technology** for smooth Functioning.

Green Library it is a new concept built libraries on environmental concerns in mind; to minimize the electricity consumption, automatic power down for the energy efficient, create awareness on eco-friendly, paper less work and avoid duplication of material.

Cloud computing services availability of computer system resources are providing through grouped network elements to its end users with the various service models *like*-Infrastructure as a service (IaaS), Platform as a service (PaaS), Software as a service (SaaS), Mobile "backend" as a service (MBaaS), & Serverless computing or Function-as-a-Service (FaaS).

CONCLUSION:

The focus of this study is on Medical librarians play an important role in improving patient care quality by assisting physicians, allied health professionals, and researchers in staying up to date on new advancements in their fields. It demonstrates the increased demand for qualified healthcare employees in an advanced and fast-growing globe. When the time comes to invest in building a more effective infrastructure, new innovations in the health care business will transform the function and responsibilities of medical librarians. For scholarly literature reviews, digital consortium, e-access models, web applications, green library structure, plagiarism checker, security systems, and cloud services, the librarian will be a part

of developments by applying his thoughts, new concepts, various skills, and required advanced web technologies.

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