AHSLs Educational Technology

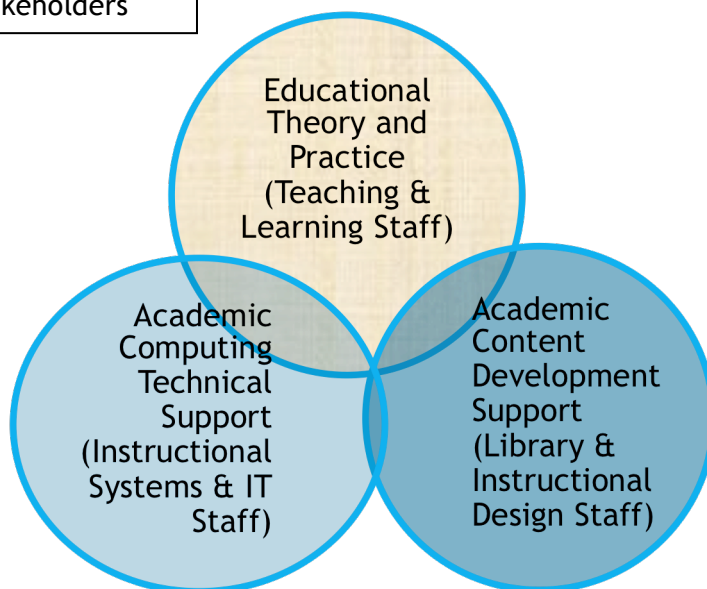As academic health sciences libraries (AHSL's) have transitioned from print to digital over the past 20 years, the role of technology in supporting access and use of digitally based resources has grown increasingly important. The Educational Technology Development Subcommittee of the AAHSL Teaching and Learning Committee identified educational technologies currently being used by member institutions, what librarians should know about them, and how our members can take advantage of them.

There are several important key stakeholders in educational technologies. There are opportunities for these stakeholders to collaborate, providing the technologies as well as services and support.

Key Stakeholders

Educational Theory and Practice (Teaching & Learning Staff)

Academic Computing Technical Support (Instructional Systems & IT Staff)

Academic Content Development Support (Library & Instructional Design Staff)

Why should librarians be involved?

- Learn about educational technology resources that are used by member institutions.

- Provide information and support to your colleagues as they develop their educational technology.

- Remain at the forefront of new technologies being used at academic institutions.

- Ensure that patrons are using the most recent and up to date tools.

- Insure that the Library's digital resources and services can be effectively integrated into the institution's education technology in building course and program content.

Educational Technologies in Use

Active Learning
- Polling & Surveys
- Quizzing

Group Learning

Simulation

Self-Learning
- Tutorials
- Videos
- Exam Prep
- Applications Development

Educational Resources
- Open
- Licensed

Learning Management Systems

Content Development Tools

Plagiarism Detection

Equipment Lending

Conferencing and Collaboration Tools

Lecture Capture

Tracking Systems
- ePortfolios
- Clinical logging

Improved Discovery to facilitate use of the Library's entire collection to locate relevant information/evidence

With the rapid growth in digital collections, ASHLs must facilitate patron ability to find (discover) relevant, actionable information/evidence. Issues relevant to improved discoverability include:

- Overall web site design and its usability and effectiveness in supporting patron queries relating to clinical, instructional and research.
- Effective use of discovery tools to easily search the library's full collections. To be effective these search tools need to support easy, google like and advanced, precise searching of the full set of the library's resources.
- Analysis of the library user's information and evidence needs to enable the development of effective tools to provide access points to relevant resources.

Recommendations
- Identify a mechanism for sharing ideas and experiences with educational technology and promote this sharing regularly. This could take the shape of use of an existing clearinghouse, providing a portal or discussion list. Purpose: showcase examples of members' educational technology projects and share experiences through contacts.
- Assist members with the challenge of assessing the success of library uses and support of educational technology.