

Sharing Access to On-Line Course Material
Preconference Workshop – Sunday, March 2nd

Topic: Integrating libraries and course management systems- Meeting universal design principles while serving individual student learning styles.

Time: 1-3PM Sunday, March 2nd
Location: Hilton at Easton
Cost: \$50
Attendance: 30 maximum (team attendance welcomed)
Format: Demonstration, highly interactive question and answer
More Information: Steve Acker (acker.1@osu.edu)

Presentation team:

- **Steve Acker**, director Technology Enhanced Learning and Research, Ohio State University
- **Jim Bracken**, Assistant director, Ohio State University Libraries
- **Scott Cantor**, Senior systems programmer, Ohio State University and Technical Lead Internet2 Shibboleth security project
- **Mark McBride**, Director of Faculty Development in Learning Technologies, Miami University
 - **Penny Pearson**, Information Technology Division Reference Liaison, Ohio State University

Workshop abstract: (Keywords/Key concepts): *Learning Styles, IMS metadata, Universal Design of Learning (UDL) principles, Shibboleth security procedures, digital course packs and persistent URLs, integrating library resources and course management systems)*

Specific workshop outcomes

Participants will have a functional understanding of:

1. **Shibboleth** and its role in trusted authentication across campuses and across campus systems
2. **EBSCO Page Composer** and its role in building digital course packs from copyright-cleared material licensed by OhioLINK
3. **IMS metadata** and its role in describing digital media to be used in instruction
4. **Learning Object builder and Learning Molecule builder** and their role in sequencing course content to meet critical thinking learning objectives
5. **Identifying student Learning Styles** and using this information to customize content presentation
6. **Universal design of learning principles** and their application to instruction
7. **The importance and methods of integrating library resources into course management systems.**

This workshop grows out of the realization that expensive library resources are underutilized in instruction, that old ideas about learning now can be implemented with new instructional methods to better meet the need of individual students regardless of class size, and that tools exist to allow both instructors and institutions to address these issues more effectively and at lower cost.

The catalyst for this two-hour, step-by-step demonstration/dialogue comes from a recent conference at the University of Iowa. There, a panel of undergraduate students was asked: *Where do you turn for resources required to write your research papers?* Overwhelmingly, the answer was: **Google™**, not the university library. The students felt that finding and accessing library resources was too difficult, time-consuming, and required too many authentication and security procedures compared to the quick and easy open Internet search engines available. Faculty often acknowledged this critique but lamented not being able to make the authoritative, pre-vetted library resources more attractive to their students.

This workshop focuses on how to make credible, faculty-selected library resources easily accessible from the home page of a course delivered through your campus course management system and why this is important. We will demonstrate **Shibboleth** (<http://shibboleth.internet2.edu/>), a security system developed by the Internet2 consortium supported by the major course management systems (including Blackboard, Cyberlearning Laboratories, and WebCT), content providers (including EBSCO, the digital content provider that serves all OhioLINK members) and more than 400 colleges and universities around the country. Those using Shibboleth can integrate content, course management, and student security through a single sign-on screen integrating library and course management systems to the benefit of both instructor and student. We also will provide a tutorial on **Page Composer**, a tool provided by EBSCO (<http://www.epnet.com/>) that allows a faculty member or librarian to build a digital course pack from EBSCO resources.

We also will share our work on using metadata to describe digital learning assets so that the content can be sequenced to meet course learning objectives. Here, our toolkit includes *Learning Object Builder*, a cross-platform software tool that assists faculty and librarians in assigning metadata (content description fields) following Open Archive Initiative and IMS specifications, and *Learning Molecule Builder*, a web-based tool that assembles learning objects to meet different student learning styles and oriented toward building critical thinking competencies. You can read more about this work, supported by the Ohio Learning Network and Ohio Board of Regents at *The Menagerie* website (<http://morty.uts.ohio-state.edu/menagerie.htm>).

If you've read this far, we know you also would be interested in the philosophy as well as the pragmatics of integrating institutional resources to better serve the needs of the individual student regardless of class size. We encourage you to join us for this lively and informative workshop which will conclude with responses to your questions and our overall group discussion on the issues raised.