ELIS - Embedded Library Instruction Services
Lake Superior Libraries Symposium

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What is ELIS – Embedded Library Instruction Services?

- **Personal pro-active** library instruction
- All types of courses: web-enhanced, hybrid, and online-only
- Delivered via course management system (CMS), wiki, and NMU Listserv
- All levels: one-year certificate through doctorate

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Five Aspects of ELIS

- Library Resources
- Course-specific Library Instruction
- Methods of Delivery
- Collaboration
- Needs Assessment
ELIS - Embedded Library Instruction Services

Key to Success: TRUST between AIS Faculty & Course Instructor
The Team

- NMU President, Provost, Deans, Department Heads, & Program Directors
- Ten AIS Faculty (librarians + archivist)
- Center for Instructional Technology in Education (CITE)
- Course Instructors
The History

2000

- Presence in WebCT through “test student” (generic identity)
- Librarian and CJ instructor collaborated (LI & co-author assignments)
- Links to librarian & library guides
- Instructor-created Library discussion threads

2004

- Presence in WebCT as “guest speakers” (real name identity)
- Librarian-created Library discussion threads
- Librarian sessions using Mediasite Live streaming
- Expansion into Education & Nursing programs
More History

- **2009**
  - Presence in WebCT as “embedded librarian”
  - Developed and implemented new policies & procedures
  - AIS Dean designated ELIS as 1 of 5 Library Strategic Directions for NMU’s *Road Map to 2015*

- **2010** - NMU implemented Moodle™ (branded as NMU EduCat™)

- **2011** - ELIS becomes one of the Library’s AQIP (Academic Quality Improvement Program) assessment projects for FY 2012
Number of Courses by Department/Area with Embedded AIS Faculty
160 Cumulative 2000-2012
ELIS Growth

- Initial implementation and promotion through Library Liaison Program
- Campus-wide promotion began Fall 2011
- ELIS Request form for NMU instructors
- Current semester courses with Embedded AIS faculty (automatically generated nightly)
ELIS Presence
Fall 2009 semester

• Total WebCT sections: 948
• Total ELIS presence: 17 sections
• ELIS share in WebCT: 1.8 %
• Total Library Instruction (incl. ELIS): 130
• ELIS share of LI: 13%
• AIS faculty embedded: 4 of 9
ELIS Presence
Winter 2012 semester

- Total EduCat sections: 1,056
- Total ELIS presence: 82 sections
- ELIS share in EduCat: 7.8%
- Total Library Instruction (incl. ELIS): 143
- ELIS share of LI: 57%
- AIS faculty embedded: 8 of 10
How Students Contact Us for Help

- Discussion threads / forums
- e-mail
- Phone
- IM/chat
- Skype
- Facebook
- Meet in-person
Additional Assistance

- **Library Distance Education Services**
- Virtual office hours
- Personal on-the-fly videos (Jing) (free)
- [Acrobat.com](http://Acrobat.com) online meeting & desktop sharing (fee/free)
- Public Services desk
AIS Faculty - Instructor Collaboration

- Assignments
- Bibliographic Styles
- **Go-to person for problem solving**
  - Computer access issues
  - Resource scarcity
  - Instruction in course delivery tools
Number of Questions Answered
Winter 2012 by Method Received
138 Total

- EduCat Forums: 23
- e-mail: 54
- Phone: 3
- IM/Chat: 17
- Skype: 11
- Facebook: 1
- In-person: 29
<table>
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<tr>
<th>ELIS Benefits / Costs</th>
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<tr>
<td>• Embedded faculty are familiar with assignments, so students receive personal instruction inside course at point of need.</td>
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<tr>
<td>• Strengthens connection between library, course instructor, &amp; students.</td>
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<td>• Helps new instructors &amp; students become familiar with library resources.</td>
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<td>• Resources customized for individual course assignments.</td>
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<td>• Provides library instruction where traditional methods not feasible.</td>
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<td>• Learning how to use CMS to deliver assistance.</td>
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<td>• Initial time to build customized template for each department/program.</td>
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<td>• Time to add content beyond template to some courses.</td>
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<td>• Checking library discussion &amp; general course postings/announcements.</td>
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ELIS Presence in CMS

- Olson Library Blocks
  - Customized OneSearch (Summon) widget
  - Video tutorials
  - Library & Style Guides
  - Course-specific resources
  - Zotero
  - How to contact embedded faculty

- Research Assistance Forum
Current Examples of ELIS

Embedded AIS Faculty in NMU EduCat™
(NMU login only)
Example of ELIS (screen shots)

During the presentation, we demonstrated how ELIS looked in different courses. Since these are not accessible to the public, the following 4 slides show the customized ELIS resources in Forums (center) and blocks (right side).
ELIS Module - EduCat basic (no embedded liaison)
Discussion forums for Galvan tips and statistics videos are under **Course Information** near the top of our course.

**Module 2: What is empirical research?**

Discussion forums on statistics videos and Galvan text are near the top of our course.

Click on the video icon to start the statistics videos.

- DRY MIX
- Introduction to Research (research process)
- Part A
- Tips for Evaluating Sources
- Sample Article Critique format
- Article Critique 1

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ELIS Module - EduCat Customized (with embedded liaison & Zotero block)
Assessment

Library’s FY 2012 AQIP plan specified: “The method of delivery will be considered effective if 75% of students are able to complete their library research successfully, based on the information gathered by the assessment instrument.”
Assessment

- Summer 2011 - Researched & designed instrument (rubric)
- Fall 2011 & Winter 2012 - Identified pilot group of 3 Nursing courses requiring library research
- Course instructors volunteered
- Instructors applied rubric to one course section while grading papers.
Assessment
Winter 2012

Face-to-Face only - No ELIS
NU 421 - Nursing Issues Seminar

Face-to-Face + ELIS
NU 311 - Nursing Research

Online-only + ELIS
NU 322 - Pediatric Clinic
The Future

- NMU’s *Road Map to 2015*
- Olson Library Strategic Direction
- Add basic ELIS Library Blocks to ALL EduCat courses
- Increase number of participating departments
- All AIS faculty embedded
- Develop more-efficient methods of collecting embedded data
Questions?

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Thank you!