Institutional Research & Library Collaboration to Assess Information Literacy

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SECTION 1

Introduction & Project Overview
SECTION 1A

Information Literacy
Information Literacy (IL)

The set of competencies needed to find, use, and evaluate information effectively and ethically.
Academic Libraries & IL

• Growth in positions related to instruction, instructional design, information literacy, and specialized faculty research support.

• Most important priority for libraries is supporting student success.

• Value of Academic Libraries initiative.
What do librarians do?

- Scaffold IL through curriculum from first-year to capstone/graduate.
- Collaborate with faculty in assignment design re: information literacy.
- Library instruction sessions to support course projects, paper, etc.
- 1-1 student research consultations.
Why should we care?

1. IL competencies increase student success while in school.
   - Students are overwhelmed when starting research assignments.

2. Employers seek new hires with these skills.
   - Few feel students are well prepared in this area.
   - Recent college hires have a tendency to look for quick answers and lack the ability to dig deeply into research and critically analyze information.

Project Overview
Research Questions

1. Is there a correlation between NSSE IL survey responses and IL rubric scores?

2. Are there any indicators that correlate to IL performance in first-year students? (e.g., librarian in the classroom, high school, first-gen student, etc.)
Mixed Methods

Survey

NSSE IL module*
First-year (n=473)
Upper-level/capstone classes (n=64)

Rubric

AAC&U IL VALUE Rubric
First-year (n=707)
Upper-level/capstone (n=65) papers
Readers (n=22)

* used with permission
### AAC&U IL VALUE Rubric

**Determine**
- Determine the extent of Information Needed

**Access**
- Access the Needed Information

**Evaluate**
- Evaluate Information and its Sources Critically

**Use**
- Use Information Effectively to Accomplish a Specific Purpose

**Ethical**
- Access and Use Information Ethically and Legally
1. During the current school year, about how often have you done the following?

2. During the current school year, how much have your instructors emphasized the following?

3. How much has your experience at this institution contributed to your knowledge, skills, and personal development in using information effectively?
SECTION 2

Data & Results
Rubric Scores (n=772)

Overall: 2.81, 3.95
Determine: 2.98, 4.12
Access: 2.93, 4.11
Evaluate: 2.60, 4.06
Use: 2.78, 4.02
Ethical: 2.75, 3.43

Scale: 1=“Below Benchmark”, 2=“Benchmark”, 3= “Milestone 2” 4=“Milestone 3” 5=“Capstone”
First-year Rubric Scores
Librarian in the class (yes) or not (no)

Overall

- Yes: 2.88
- No: 2.77
First-year Rubric Scores
Librarian in the class (yes) or not (no)

Overall

Controlled for High School GPA, SAT Score, first gen, Pell Grant

Yes  No

Overall: 2.88  2.77

Controlled: 2.86  2.77
### NSSE Survey Results (percent Very Often and Often)

<table>
<thead>
<tr>
<th>Activity</th>
<th>First-Year and Sophomore</th>
<th>Upper Division</th>
</tr>
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<tbody>
<tr>
<td>Worked on a paper that had multiple smaller assignments.</td>
<td>(436) 76.6%</td>
<td>(95) 48.4%</td>
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<tr>
<td>Received feedback from an instructor that improved your use of information resources.</td>
<td>(436) 70.9%</td>
<td>(95) 42.1%</td>
</tr>
<tr>
<td>Changed the focus of a paper or project based on information you found while researching the topic.</td>
<td>(436) 54.4%</td>
<td>(95) 32.6%</td>
</tr>
<tr>
<td>Identified how a book, article, or creative work has contributed to a field of study.</td>
<td>(435) 52.2%</td>
<td>(94) 37.2%</td>
</tr>
<tr>
<td>Activity</td>
<td>First-Year and Sophomore</td>
<td>Upper Division</td>
</tr>
<tr>
<td>--------------------------------------------------------------------------</td>
<td>---------------------------</td>
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</tr>
<tr>
<td>Appropriately citing the sources used in a paper or project.</td>
<td>(435) 94.0%</td>
<td>(95) 80.0%</td>
</tr>
<tr>
<td>Using scholarly or peer-reviewed sources in your course assignments.</td>
<td>(435) 82.8%</td>
<td>(95) 67.4%</td>
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<tr>
<td>Questioning the quality of information.</td>
<td>(433) 78.3%</td>
<td>(95) 65.3%</td>
</tr>
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SECTION 3

Takeaways & Strategies
Lessons Learned

1. Data limitations.
2. Timing.
3. Direct and Indirect assessments.
4. Impact of librarians on information literacy.
Next Steps

1. Campus report.
2. Presentation to campus assessment committee.
3. Journal publication.
4. Repeat study when first-year students are seniors.
Implications

1. Librarians as partners in education.
2. Learning doesn’t happen in isolation.
3. IR can contribute to information literacy assessment.
4. Use of learning outcome assessment results.
Want to do this at your institution?

1. Reach out to your library.
2. Explore what’s happening.
References


IUPUI. Profiles of Learning for Undergraduate Success. https://academicaffairs.iupui.edu/Strategic-Initiatives/IUPUI-Plus

Thank you!
Questions?

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