Connecting **Library Instruction to Web Usability**: Improve User Experience

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Study Background

- **Study setting**: Library instruction
- **When**: Fall 2014 semester
- **Sample**: Freshmen students enrolled in two separate sections of an introduction to science course
- **Tool**: Verify usability tool
- **Method**: Pre & post test for comparison of two sections
<table>
<thead>
<tr>
<th>Group 1</th>
<th>Group 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>27 students</td>
<td>21 students</td>
</tr>
<tr>
<td>Pretest</td>
<td>Pretest</td>
</tr>
<tr>
<td>Browse-focused instruction</td>
<td>Search-focused instruction</td>
</tr>
<tr>
<td>Posttest</td>
<td>Posttest</td>
</tr>
</tbody>
</table>

Class outline for the 1hr 15 min library instruction including usability tests
What we tested: Browse-focused
What we tested: Search-focused
Results & Discussion

Database: Academic Search Premier – Before instruction

Group 1
- 59% Browse
- 37% Search

Group 2
- 52% Browse
- 33% Search

Legend:
- Search
- Browse
- I don’t know
- Anywhere
Rich Media Cluster – Before instruction

- **Group 1**
  - 63% Browse
  - 4% Search

- **Group 2**
  - 38% Browse
  - 24% Search
Results & Discussion

Specific Books – Before instruction

Group 1
- 56% Browse
- 33% Search

Group 2
- 59% Browse
- 38% Search
Results & Discussion

VS.

Menu Item #1  Menu Item #2  Menu Item #3

search
Database: Academic Search Premier – After instruction

Group 1
- 78% Browse
- 19% Search

Group 2
- 12% Browse
- 88% Search
Results & Discussion

Rich Media Cluster – After instruction

Group 1
- 85% Browse
- 4% Search

Group 2
- 24% Browse
- 71% Search
Results & Discussion

Specific Books – After instruction

Group 1
78% Browse
22% Search

Group 2
41% Browse
59% Search
Results & Discussion

Books in General

Before
100% Browse
0% Search

After
82% Browse
18% Search
Results & Discussion

Group Study Room

Before

100% Browse
0% Search

After

82% Browse
18% Search

Legend:
- Search
- Browse
- I don't know
- Anywhere
Questions?
Thank You!

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