Spring 2013 SAILS assessment results

249 first year students and 217 graduating seniors completed the assessment, which was a post-test of their IL skills and knowledge after receiving instruction at Hamline. This was our sixth administration of the Project SAILS individual test scores version.

The assessment was administered during spring semester, April 22-May 3, 2013.

Only 61 first year students scored at 70% or higher, which is considered proficient for first year students.

Only 27 graduating seniors scored at 80% or higher, which is considered proficient for seniors.

4 students scored at mastery level, 85% or greater.

Next Step: Pre-instruction and post-instruction test data will be evaluated to determine if there were improvements in scores between those two assessments for the first year student population. Unfortunately, not all pre-instruction testers took the post-instruction test so the final group we analyze tends to be significantly smaller.

For the first year students:
The average number of questions answered correctly was 31/55. The average score was 58%. The median score was 62%, and the mode was 62. The lowest scoring question with a mean score of 19% was Standard 2, question item #577. The highest scoring question with a mean score of 83% was Standard 2, question Item #539.

For the graduating seniors:
The average number of questions answered correctly was 35/55. The average score was 63%. The median score was 67%, and the mode was 71. The lowest scoring question with a mean score of 19% was Standard 2, question item #577. The highest scoring question with a mean score of 94% was Standard 2, question Item #539.

Lowest scoring item #577 is about recognizing controlled vocabulary terms.

Highest scoring item #539 is about how materials are primarily arranged in a library.

Next Step: The consistently low score for item #577 across populations indicates that the librarians need to revise their instruction to include more opportunities for students to develop competencies around the concept of controlled vocabularies.

Additional custom demographic questions asked during SAILS included:
How many of your Hamline classes this academic year included a session with a librarian in a computer lab?

<table>
<thead>
<tr>
<th>First Year Student Response (out of 249)</th>
<th>Graduating Senior Student Response (out of 217)</th>
</tr>
</thead>
<tbody>
<tr>
<td>22 had 0 classes that included a session with the librarian this academic year</td>
<td>136 had 0 classes that included a session with the librarian this academic year</td>
</tr>
<tr>
<td>98 had 1 class that included a session with a librarian this academic year</td>
<td>41 had 1 class that included a session with a librarian this academic year</td>
</tr>
<tr>
<td>106 had 2 classes that included a session with a librarian this academic year</td>
<td>23 had 2 classes that included a session with a librarian this academic year</td>
</tr>
</tbody>
</table>
16 had 3 classes that included a session with a librarian this academic year
7 had 4 or more classes that included a session with a librarian this academic year

7 had 3 classes that included a session with a librarian this academic year
10 had 4 or more classes that included a session with a librarian this academic year

I used research materials provided by Hamline's libraries this academic year to complete an assignment?

<table>
<thead>
<tr>
<th>First Year Student Response (out of 249)</th>
<th>Graduating Senior Student Response (out of 217)</th>
</tr>
</thead>
<tbody>
<tr>
<td>221 used research materials provided by Hamline libraries this academic year</td>
<td>190 used research materials provided by Hamline libraries this academic year</td>
</tr>
<tr>
<td>28 did not use research materials provided by Hamline libraries this academic year</td>
<td>27 did not use research materials provided by Hamline libraries this academic year</td>
</tr>
</tbody>
</table>

**Next Step:** Bush Library will be working with Institutional Research to determine if there are any statistically significant relationships between GPA, graduating with honors and the number of library sessions students attended and/or their use of library materials.

The 55 questions on the SAILS test measured four different information literacy standards developed by the Association of College and Research Libraries (ACRL).

**ACRL Standard #1:**
Determines the nature and extent of information needed. (13 questions on SAILS)

The mean score of Hamline first year testers in spring 2013 for this standard was 54%.
The mean score of Hamline graduating seniors in spring 2013 for this standard was 69%.

**ACRL Standard #2:**
Accesses needed information effectively and efficiently. (25 questions on SAILS)

The mean score of Hamline first year testers in spring 2013 for this standard was 56%.
The mean score of Hamline graduating seniors in spring 2013 for this standard was 59%.

**ACRL Standard #3:**
Evaluates information and its sources critically and incorporates selected information into their knowledge base and value system. (7 questions on SAILS)

The mean score of Hamline first year testers in spring 2013 for this standard was 57%.
The mean score of Hamline graduating seniors in spring 2013 for this standard was 71%.

**ACRL Standard #5:**
Understands many of the economic, legal, and social issues surrounding the use of information and accesses and uses information ethically and legally. (10 questions on SAILS)
The mean score of Hamline first year testers in spring 2013 for this standard was 50%.
The mean score of Hamline graduating seniors in spring 2013 for this standard was 63%.

A $100 book store gift certificate was given away to 1 winner whose name was drawn from the pool of testers who completed the test.

Test results were sent via email to students’ Hamline email accounts.