

# Turn a Disaster into a Research Opportunity

## Assessing One-Hour Library Sessions after Hurricane Sandy

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# The Number of One-hour Library Instruction Sessions

## Library Instruction Session Taught

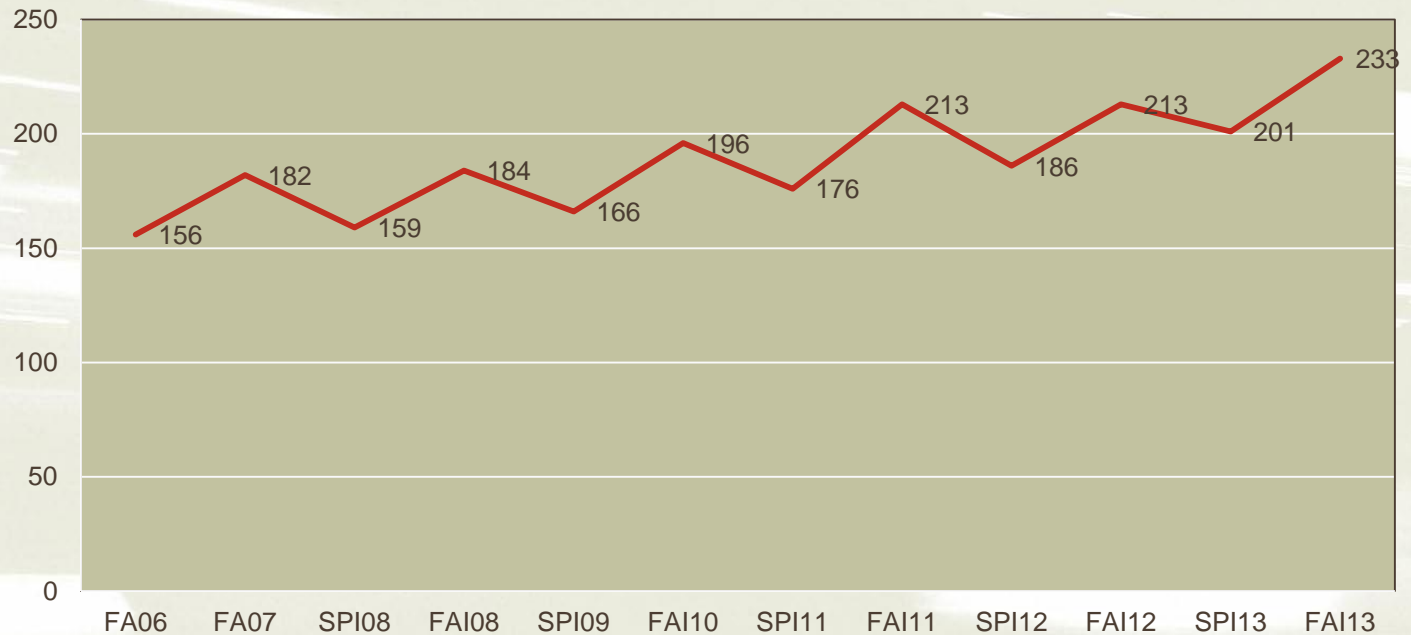


Chart source: *The 2013 Library Statistics Report*



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# Historical Assessment Efforts

2008:  
BILD/SAIL  
S

2009:  
iSkills  
(CUNY  
grant)

2010:  
Rubric

2011:  
iSkills  
(Verizon  
grant)

2012:  
ENG101  
one-hour  
Classes Pre  
and Post  
Survey



# What kind of assessment method?

1. Hurricane Sandy caused a week of class cancelation starting on October 29, 2012.

2. 18 pre-scheduled English101 Library instruction classes were canceled and not able to be rescheduled due to a full calendar.

## Pre- and Post-Class Surveys

3. Using a matching method, another 18 English101 classes which had a library class were randomly selected.

4. The assessment committee developed a paper-based survey to administer to students from both groups.





# What does the survey test?

1. Develop appropriate keywords and utilize Boolean operators in searching;

2. Identify scholarly articles and locate databases via the library website;

3. Identify books and locate the catalog via the library website.



# What are survey questions?

1. Have you attended a class session with a librarian?
  - Yes
  - No
  
2. Your professor wants you to find articles about teenage depression. Which search would be most effective?
  - a. Articles about teenage depression
  - b. Depressed teenagers
  - c. Teenagers and depression
  - d. Depression in teenagers



# What are survey questions?

3. Is this a book or an article?

a. A book

b. An article

**Permanent Link** LaGuardia CC - Holdings  
Spivack, George.:  
Social adjustment of young children; a cognitive approach to solving real-life problems  
[1st ed.] -  
San Francisco: Jossey-Bass, 1974.  
xviii, 212 p.; 24 cm. -

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**Location** LaGuardia - Stacks - HQ 783 .S64

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**Request this Copy**

Select year  Select volume  Select library

Library	Location	Call number	Description	Item Status	Due date	Due hour
<input type="button" value="Expand"/>	LaGuardia Stacks	HQ 783 .S64		Regular Loan	Look On Shelf	

4. Which link would lead you to the above screen?

1.      2.      3.      4.

**Library Media Resources Center**

**What's New:**

**Research & Find**

- Find books, videos, or CDs (CUNY+)
- Find articles & books online (subscription databases)
- Find a research guide by topic
- Cite your sources (MLA & APA)
- Email the Library for research help
- Schedule a research meeting with a Librarian
- Career Research Guide

**Faculty & Staff Research Information**

[More](#)

Arrows in the image point to: 1. 'Find books, videos, or CDs (CUNY+)', 2. 'Find articles & books online (subscription databases)', 3. 'Find a research guide by topic', 4. 'Cite your sources (MLA & APA)'.



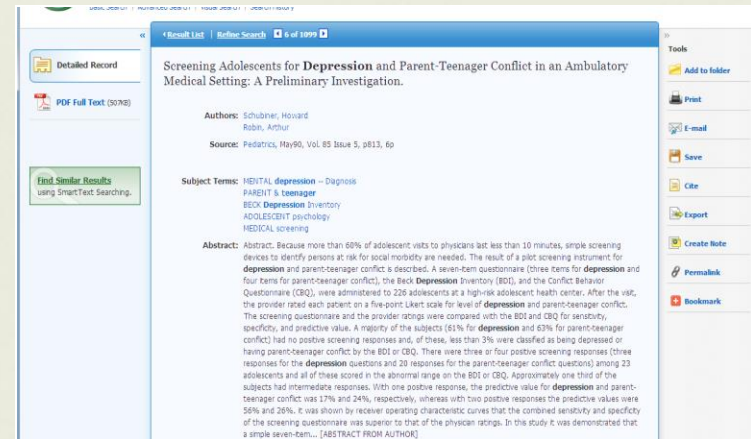
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# What are survey questions?

5. Is this a book or an article?

a. A book

b. An article



The screenshot shows a library database record for an article. The title is "Screening Adolescents for Depression and Parent-Teenager Conflict in an Ambulatory Medical Setting: A Preliminary Investigation." The authors are Schubiner, Howard; Robb, Arthur. The source is Pediatrics, May90, Vol. 85 Issue 5, p813, 6p. The subject terms include MEDICAL depression - Diagnosis, PARENT & Teenager, BECK Depression Inventory, ADOLESCENT psychology, and MEDICAL screening. The abstract describes a study where 226 adolescents at a high-risk adolescent health center were administered a seven-item questionnaire (three items for depression and four items for parent-teenager conflict), the Beck Depression Inventory (BDI), and the Conflict Behavior Questionnaire (CBQ). The screening questionnaire and provider ratings were compared with the BDI and CBQ for sensitivity, specificity, and predictive value. The abstract concludes that the screening questionnaire was superior to that of the physician ratings.

6. Which link would lead you to the above screen?

1.      2.      3.      4.



The screenshot shows the Library Media Resources Center website. The "What's New:" section contains a list of links. Numbered arrows point to the following links:

- 1. [Find books, videos, or CDs \(CUNY+\)](#)
- 2. [Find articles & books online \(subscription databases\)](#)
- 3. [Find a research guide by topic](#)
- 4. [Cite your sources \(MLA & APA\)](#)

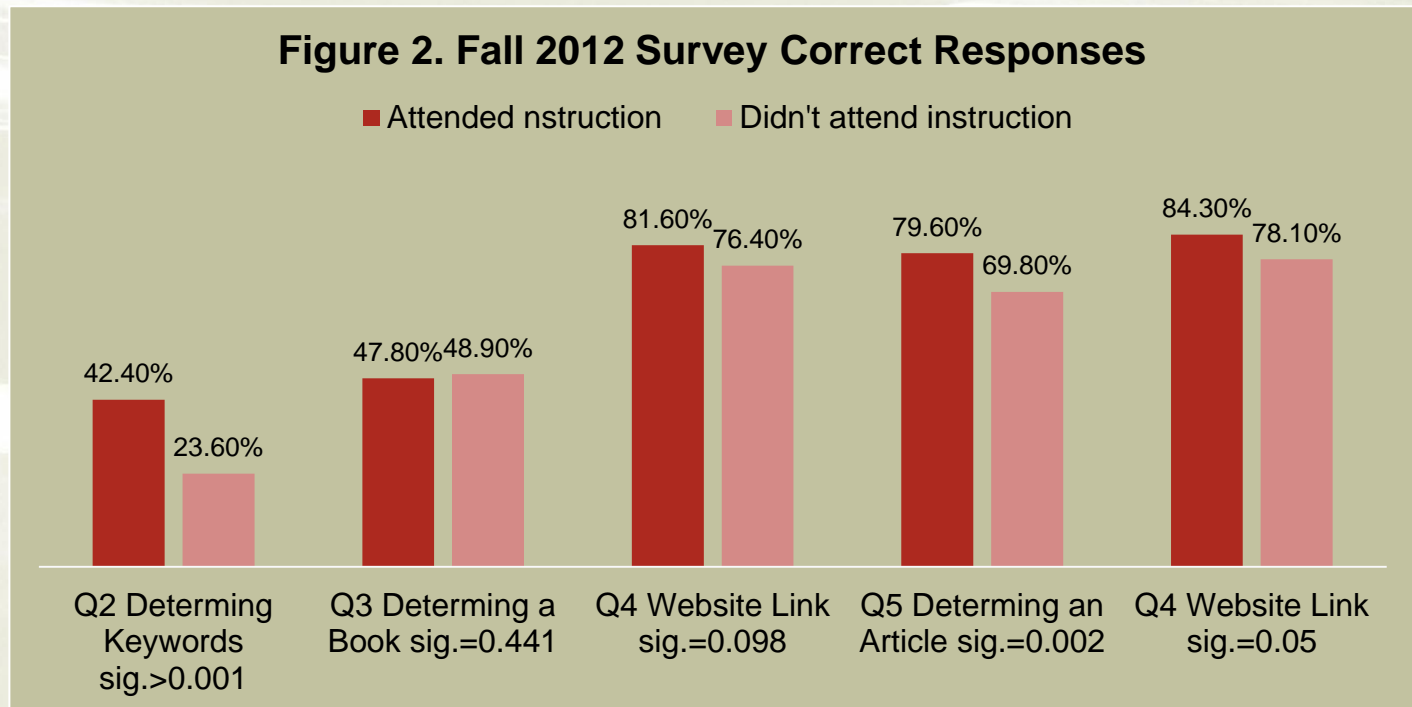
Other links in the "What's New:" section include "Email the Library for research help", "Schedule a research meeting with a Librarian", and "Career Research Guide". Below this section is the "Faculty & Staff Research Information" section with a "More" link.



# What are the survey results?

Figure 1: Fall I 2012 One-Hour Class Assessment		
	Attended Instruction	Didn't Attend Instruction
<b>Number</b>	255	233
<b>Mean correct replies (s.d.)</b>	3.36 (1.30)	2.95 (1.31)

Sig=0.001



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Data source: *The Effectiveness of Library Instruction in ENG 101 on Students' Ability to Use Library Resources for Research Purposes (A natural experiment) 2012*

# What are conclusions and findings?

1. Students who attended the library instruction demonstrated a higher ability in tested basic research skills, and recognized items presented from a search.

2. Both groups faced challenges in identifying keywords and using Boolean operators in the best fit context.

3. Post survey classes showed higher scores in identifying a database article and the best website link, though failed to show higher scores in identifying a catalog record.



# Library One-hour Instruction Session Survey (New)

1. **What is your class 4-digit number?** (The librarian has written the number on the board) \_\_\_\_\_
  
2. **How many credits have you completed at LaGuardia?**
  - A. 10 or less
  - B. 11 to 20
  - C. 21 to 30
  - D. More than 30
  
3. **Prior to today, have you attended an instruction session with a librarian?**
  - A. Yes
  - B. No



# Library One-hour Instruction Session Survey (New)

**4. Which source is most likely to have a reliable article that is appropriate to include in a research paper?**

- A. Google
- B. Subscription database
- C. CUNY+ catalog
- D. A .edu site

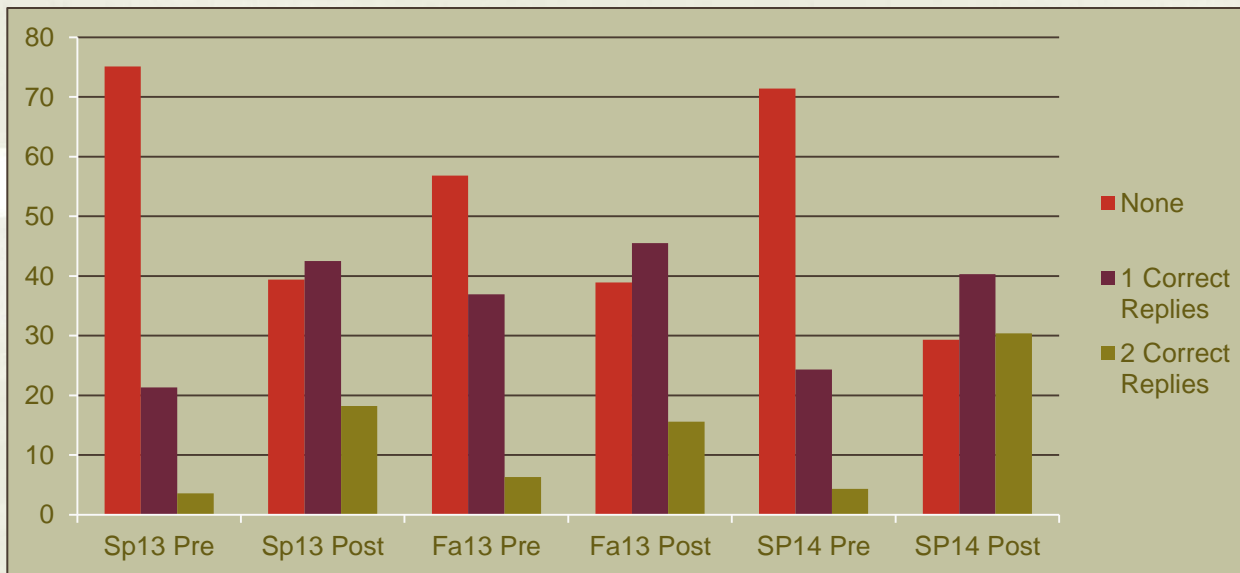
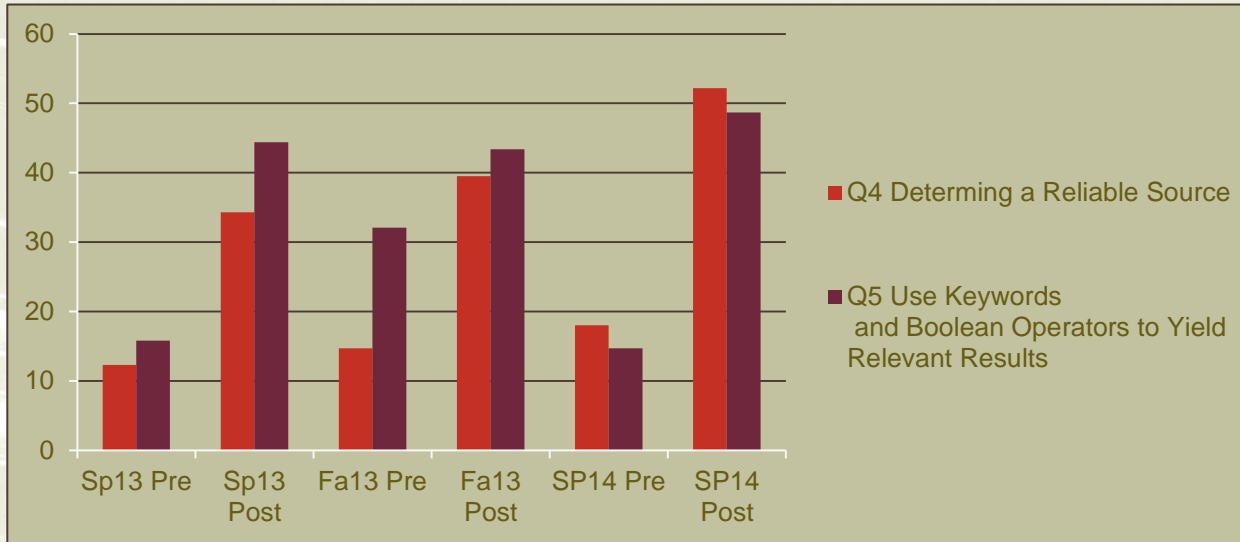
**5. Your professor wants you to find articles about music censorship. Which search would be most effective?**

- A. Articles about music censorship
- B. Music OR censorship
- C. Censorship AND music
- D. Censorship in music





# Benchmarking and Continuous Assessment Projects



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## Instruction Assessment Projects

<http://guides.laguardia.edu/instructionassessment>

Image source

N.d. *Highline Ballroom*. Web. 25 May 2014. <<http://highlineballroom.com/2012/11/02/cancellations-postponements-reschedulings-due-to-hurricane-sandy/>>.



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