

**Information literacy in mathematics undergraduate education: Where does it stand today?
Appendix A--The Survey Instrument**

Mathematics Information Literacy Survey

Q1

Implied Consent to Participate in Research

The information gathered from the survey will be used for research on information literacy instruction for mathematics undergraduate students.

If you are a librarian at a college or university in the United States or Canada and you work with mathematics faculty and/or mathematics undergraduate students, we invite you to consider participating by completing the online survey.

You must be 18 years of age or older to participate. There are no risks or direct benefits to you in participating in this survey. You may choose to participate or not. You may stop taking the survey at any time. If you do not wish to participate, you may simply close the online survey, with no penalty to yourself. If you do participate, **completion and submission of the survey indicates your consent to the above conditions.**

It is not necessary to include your name on this survey. The survey should take no more than 15 minutes to complete. Any questions or concerns should be directed to the principal investigator, _____

Q2 In which country does your institution reside (main campus)?

- Canada
- United States
- Other _____

Q3 Which college degrees are offered in mathematics at your college or university? Check all that apply.

- PhD in Mathematics
- Master's in Mathematics
- Bachelor's in Mathematics
- No college degrees in Mathematics
- Other _____

Q4 How many total students does your institution enroll (FTEs)?

- 1-1,000
- 1,001-5,000
- 5,001-10,000
- 10,001-25,000
- 25,001+

Q5 How many undergraduate mathematics majors?

- None
- 1-10
- 11-50
- 51-100
- 101-250
- 251+

Q6 Does your institution have a systematic program, curriculum plan, formal procedure, etc., in place for information literacy? Check all that apply.

- All students (university-wide) must take a course, such as freshman English, that includes an information literacy component
- All students (university-wide) must take a stand-alone information literacy course as part of their degree program
- All science majors must take a course that includes an information literacy component
- All mathematics majors must take a course that includes an information literacy component
- Other _____
- None

Q7 At your institution, have you taught any information literacy (or library-related) sessions in any specific mathematics courses, programs, or activities for undergraduate students since Fall 2010?

- Yes
- No

Skip Logic: If No Is Selected, Then Skip To Q14

Q8 How many information literacy or library-related sessions did (or will) you teach? This is only in regards to sessions as part specific mathematics courses, programs, or activities for undergraduate students at your institution. If you were not at your current institution for a specific year, please type "NA" in that box.

	Number of sessions
Fall 2013-Summer 2014	
Fall 2012-Summer 2013	
Fall 2011-Summer 2012	
Fall 2010-Summer 2011	

Q9 What undergraduate mathematics courses have included information literacy sessions? Check all that apply.

- Mathematics history course
- Mathematics literature research course
- Mathematics education course
- Required seminar series for mathematics majors
- Other _____

Q10 For information literacy done specifically for mathematics courses, programs or activities (as opposed to university-wide curricula), what is the delivery method? Check all that apply.

- Tour of library
- Course management system (Blackboard, Moodle, etc)
- Online tutorial
- In-person demonstration of specific resources
- Online course guide for that particular course
- Online subject-based guide
- Paper handout
- Hands-on time or interactive session
- Other _____

Q11 In your experience, what mathematics-related resources are undergraduate students expected to use during their time in college? Check all that apply.

- Journals
- Monographs
- MathSciNet (Mathematical Reviews)
- Web of Science, Compendex, and/or other databases
- Handbooks, encyclopedias, or dictionaries
- Popular literature
- Preprints (arXiv.org)
- LaTeX or TeX
- BibTeX
- Web searching
- Wolfram Alpha
- OPAC, library catalog
- Discovery system
- Other _____
- None of the above
- I do not know

Q12 In your experience, what kinds of assignments have you encountered as being given to mathematics students that require them to use skills and/or knowledge learned in information literacy sessions? Check all that apply.

- Senior project/thesis, or culminating experience
- Research/honors project
- Poster
- Presentation
- Paper
- Group/team work
- Other _____
- None of the above

Q13 Which of the following competencies have you included in your information literacy sessions? Check all that apply.

- The standard structure of a mathematics journal article
- How to write and/or submit a journal article
- How to search/use mathematics-related resources (such as MathSciNet)
- The basics of open access
- Which journals are particularly important
- What are the major societies
- Who are the major publishers
- Other _____
- None of the above

Q14 Select the most accurate option: The information literacy needs of mathematics undergraduate students are being adequately met at my institution.

- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

Q15 Identify your highest personal degree attainment in library or information science:

- PhD in Library and/or Information Science
- Master's degree in Library and/or Information Science
- Bachelor's degree in Library and/or Information Science
- No degree in Library and/or Information Science

Q16 Identify your highest personal degree attainment in mathematics:

- Mathematics PhD
- Mathematics Masters degree
- Mathematics Bachelors degree
- Other mathematics degree _____
- No mathematics degree

Q17 How long have you been a librarian who liaisons with mathematics/mathematicians?

- Less than 2 years
- 2-5 years
- 6-10 years
- 11-15 years
- 16-25 years
- 25+ years

Q18 Please take a moment to make any additional comments about your answers on this survey, or about mathematics information literacy in general.

Q19 (Optional) If you are willing to be contacted for more information or for a follow-up interview, please include your name and email in the boxes below.

Name:

Email address: