May 2008

Trends in Health Sciences Library and Information Science Research

Sally A. Gore  
*University of Massachusetts Medical School, sally.gore@umassmed.edu*

Judy Nordberg  
*University of Massachusetts Medical School, judy.nordberg@umassmed.edu*

Lisa A. Palmer  
*University of Massachusetts Medical School, lisa.palmer@umassmed.edu*

*See next page for additional authors*

Follow this and additional works at: [http://escholarship.umassmed.edu/lib_articles](http://escholarship.umassmed.edu/lib_articles)

Part of the [Library and Information Science Commons](http://escholarship.umassmed.edu/lib_articles)

Repository Citation  
[http://escholarship.umassmed.edu/lib_articles/92](http://escholarship.umassmed.edu/lib_articles/92)

This material is brought to you by eScholarship@UMMS. It has been accepted for inclusion in Library Publications and Presentations by an authorized administrator of eScholarship@UMMS. For more information, please contact Lisa.Palmer@umassmed.edu.
Trends in Health Sciences Library and Information Science Research

Authors
Sally A. Gore, Judy Nordberg, Lisa A. Palmer, and Mary E. Piorun

This poster is available at eScholarship@UMMS: http://escholarship.umassmed.edu/lib_articles/92
INTRODUCTION

Previously published literature in the field of health sciences librarianship notes that quality and rigor in research is indicative of a profession's maturity (Dimitroff, 1992). The purpose of this study is to examine research articles published in the Journal of the Medical Library Association between 1991 and 2007 to determine if and how the field has developed as a profession as defined by these characteristics.

METHOD

Perform a content analysis of research articles published in the Bulletin of the Medical Library Association and Journal of the Medical Library Association during the time span of 1991-2007. The subject, research method, and analytical classification schema used throughout the study are based on the work of Alexandra Dimitroff (1992).

Research is an inquiry which is carried out, at least to some degree, by a systematic method with the purpose of eliciting some new facts, concepts, or ideas. Clearly, this definition carries no implication of quality, relevance, or generality. Research could be bad, irrelevant, or of only local interest. (Peritz, p251)

Collect all articles published in JMLA1991-2007

Inspect each article sequentially

Is it a letter, obituary, review, or editorial?

No

Yes

Examine the article

Research Methods

-Bibliometrics
-Content Analysis
-Delphi Method
-Experimental
-Historical
-Subject Classification Scheme
-General
-Professional Concerns
-Theoretical
-Related fields

-Biological
-Environmental
-Experimental
-Operations Research
-Secondary Analysis
-Survey
-Multiple

Author Affiliation

-Analytical Techniques

-Qualitative Descriptive
-Non-quantitative Descriptive
-Qualitative Inferential
-Non-quantitative Inferential

Funding Source

Bibliometrics


Survey: 57%
-Bibliometrics: 15%
-Experimental: 13%

Academic HS Lib: 67%
-Other Institution: 13%
-Library School: 11%
-Academic Library: 9%

Common Research Methodologies

Users Attitudes & Behaviors: 29%
-Public Services: 15%
-Materials or Collection Development: 13%

Common Author Affiliations

None Reported: 67%
-Government Association: 17%
-Common Funding Sources

CONCLUSION

The Research Policy Statement of the Medical Library Association, originally put forth in 1995 and reconfirmed in 2007, declares the importance of using scientific research for the advancement of the profession. This current study seeks to examine trends in health sciences library research to see how well the profession is meeting this imperative. A comparison of preliminary results (1991-97) with previously published findings (1966-1990, Dimitroff) reveals that survey remains the most commonly used research methodology, quantitative research techniques the most often employed form of analysis, academic health sciences librarians the most prolific authors, and that most studies report no source of research funding. New areas of research observed to date include consumer health, outreach, and the Internet; an emerging research method is focus groups. Additional review and analysis will help provide evidence as to how well MLA's goals and commitment to research are reflected in the Journal of the Medical Library Association.