

Objectives

Extend the bibliometric analysis of cited references by listing keywords, subject content, and authors' country affiliation to discern global issues of aging and collaborations in the articles published in three source journals in 2010. Identify current top cited journals and cited formats compared to results in unpublished study done 1996-1998.

Methods

Life expectancy continues to increase in developed countries, but rate increase is slower for developing countries. This study is an extension of the Nursing and Allied Health Resources Section (NAHRS) Task Force on Mapping the Nursing Literature. The scope of this analysis has been extended by reviewing the keywords in titles, authors supplied keywords, assigned subject headings, geographical headings, and authors' affiliations in an attempt to build a snapshot of international health care reflected in the three journals studied: *Geriatric Nursing (GN)*, *Journal of Gerontological Nursing (JGN)*, and *International Journal of Older People (JOP)*.

A methodology developed by the 2010 NAHRS mapping protocol was applied, with some modifications, to compare to the older NAHRS mapping protocol used in the original, unpublished, 2006 manuscript studying the citation patterns for 1996-1998 articles in *GN* and *JGN*. The word cloud was created using text retrieved from a PubMed search of the 2010 indexed articles in GN, JGN, IJOP. The retrieved MEDLINE records were edited and placed into Wordle™ at <http://wordle.net>

Word Cloud of GN, JGN, IJOP 2010



International Health Care Issues and Services Identified while Mapping the Gerontological Nursing Literature

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Mapping Gerontological Nursing Literature

Tables 1 Lists Top Tier cited journals titles for *Geriatric Nursing (GN)* and *Journal of Gerontological Nursing (JGN)* 1996-98, and gives a glimpse of the top cited journals in the current 2008-10 study which is analyzing a third source journal, *International Journal of Older People (IJOP)*. Note the top three cited journals *Journal of Gerontological Nursing*, *Journal of the American Geriatrics Society*, and *Gerontologist* in 1996-98 have shifted slightly, as well as the new titles: *Journal of Clinical Nursing*, *Age & Aging*

Table 1: Top Tier Cited Journals 1996-98 and 2008-2010

| Top Tier Cited Journal Titles 1996-98 | Top Cited Journals, GN, JGN, IJOP 2008-2010 | |
|--|---|---|
| | GN, JGN 1996-98 | GN, JGN IJOP 2008-10 |
| Journal of Gerontological Nursing | 290 | Journal of the American Geriatrics Society |
| Journal of the American Geriatrics Society | 278 | Journal of Advanced Nursing |
| Gerontologist | 253 | Journal of Gerontological Nursing |
| Geriatric Nursing | 143 | Gerontologist |
| Journal of Gerontology*split 2 parts | 113 | Journal of Clinical Nursing |
| JAMA | 99 | JAMA |
| Nursing Research | 74 | Geriatric Nursing |
| New England Journal of Medicine | 62 | International Journal of Geriatric Psychiatry |
| Geriatric s | 53 | Age & Aging |
| Image Journal of Nursing Scholarship | 53 | Archives of Internal Medicine |
| Journal of Advanced Nursing | 53 | Journal of Gerontology Part A |

Mapping Gerontological Nursing Journals 1996-1998

An unpublished, 2006 manuscript by Dorice Vieira, analyzed cited references in *Geriatric Nursing (GN)* and *Journal of Gerontological Nursing (JGN)* for 1996-1998.

Table 2 Format Types Compared 1996-1998, 2008-2010

| Cited formats | Source/Years | | | Comments |
|------------------|-------------------|-------------------|-----------------|-----------------------------------|
| | GN+JGN 1996-98 | GN+JGN 2008-10 | IJOP 2008-10 | |
| Books | 1211 | 1204 | 664 | Little change |
| Gov Docs | 246 | 390 | 164 | Increase in citing govt documents |
| Journal articles | 1170 | | | |
| Miscellaneous | 370 | 370 | 241 | Plus 700 websites |
| Total | 1662 | | | |

Results and Conclusions

There is some shift in the top tier cited journals for 2008-2010; *Journal of Advanced Nursing* made top three. More web sites are being cited. Miscellaneous included web sites in 1996-1998 study and is listed separately in Table 2 in keeping with the 2010 Mapping Protocol. The word tag cloud tool analysis showed that authors at mostly USA institutions wrote about Dementia, Delirium, Nursing Homes, Assisted Living, Risk, Attitude, Psychology. The MeSH headings and words in article titles which occur most frequently are: Geriatric Nursing, Care, Aged, Humans. Countries need to be addressed separately because smaller numbers for Canada, United Kingdom, Korea, China, Australia, Sweden, Norway disappear in the dense word cloud. The 2008-2010 data with larger numbers of cited journal titles is being analyzed, and the final results will be submitted for publication.