Contact Information

- Tom Schmiedel
- Room 103 Haas Library
- 203-837-9141
- schmiedeltf@wcsu.edu
1. Off campus access (slides 4-7)
2. Information Landscape (slides 8-31)
3. Databases: WestSearch, CINAHL, Medline/PubMed (slides 32-38)
4. Search process (search strategy)
   • Boolean Searching: Use of AND, OR to narrow or broaden search (Slides 38-48)
   • Searching CINAHL (slides 49-69)
5. APA Style (slides 71-75)
6. Nursing Reference Center & Center for Disease Control (slides 77-82)
Off campus access
Off campus access

• Access all library resources (1) through the library website or (2) through a link provided to you by a faculty/staff member or by Blackboard. Links provided to you should have been created such that they are routed through the library system.

• When you click on a library linked database/resource, you will be prompted to sign in through a system known as Identify Now.
  • Graphics on next slides illustrates this.
  • Use your banner/Windows username and password.
    • username001@wscu.edu (do not add connect) as you would in an email.
    • You will only have to log in one time, as long as you leave the browser open.
Off campus access

• This is the page for Nursing & Health Databases, which is accessed from the main library page under Databases by Subject.

• Once you click a database link, when off campus, you will be prompted to log into the system.
Off campus access

Sign in with your ID. Community Colleges: eight digits only; Universities add your suffix (e.g., @ccsu.edu or @wcsu.edu)

- schmiedeltf@wcsu.edu
- Password

- Sign In

Forgot User Name
Forgot Password
Unlock
Reset Password
Information Landscape
Written Record

Everything written about the effect of *nutrition* on *health*

1. Popular Writing (New York Times, Newsweek, Scientific American, novels, etc.)
2. Scholarly Writing “Peer Reviewed” (Nurse Educator, American Journal of Nursing, Journal of Neuroscience Nursing, etc.)
Peer Reviewed

• Often you need information in peer reviewed journal articles.

• Peer review: read, reviewed, and critiqued by experts in the subject area or field:
  • Peer Review in Three Minutes (video, North Carolina State University):
    https://www.lib.ncsu.edu/tutorials/peerreview/
  • Elsevier: https://www.elsevier.com/reviewers/what-is-peer-review
  • Wiley: https://authorservices.wiley.com/Reviewers/journal-reviewers/what-is-peer-review/index.html
Scholarly VS Popular Writing

http://www.library.georgetown.edu/tutorials/scholarly-vs-popular
## Scholarly vs Popular Writing Characteristics

<table>
<thead>
<tr>
<th>Scholarly</th>
<th>Popular</th>
</tr>
</thead>
<tbody>
<tr>
<td>Articles written by experts: often professors</td>
<td>Articles written by non-specialists</td>
</tr>
<tr>
<td>Articles often go through a peer review process: independent experts evaluate the article before it's published</td>
<td>Articles are reviewed by an editor, but not by a panel of experts</td>
</tr>
<tr>
<td>Articles have footnotes and bibliographies</td>
<td>Articles may or may not mention sources in the text</td>
</tr>
<tr>
<td>Minimal advertising, graphics, or illustrations unless relevant to the article (for example, art journals)</td>
<td>Extensive advertising, lavish photos, colorful cover to market the magazine</td>
</tr>
</tbody>
</table>
Scholarly vs. Popular Journals

Scholarly

Journal of Professional Nursing

Popular

Time Magazine
Scholarly vs Popular Writing
How to Know for Sure ...

• Use database filters/checkboxes
• Sometimes journals specify in an “About” link, on the home page of the journal, that they are peer reviewed.
Database filters/checkboxes (CINAHL Advanced Search) Peer Reviewed
Ulrich’s Periodical Directory
http://ulrichsweb.serialssolutions.com
Ulrich’s Periodical Directory
The Flow of Scientific Information
**Science Lab Report (example)**

<table>
<thead>
<tr>
<th>1. Problem – What are you trying to figure out? Write this in the form of a question.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
<tr>
<td>2. Hypothesis – What do you think you are going to find out?</td>
</tr>
<tr>
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<tr>
<td>3. Materials – List the materials you will use in the experiment.</td>
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<tr>
<td>4. Procedures – Make a detailed list of the steps in your experiment.</td>
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<tr>
<td>5. Results – What did you observe when you performed the experiment?</td>
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<tr>
<td>6. Conclusion – From what you observed, how would you answer your original question?</td>
</tr>
</tbody>
</table>
The Flow of Scientific Information

Primary and Secondary Articles
Primary and Secondary Resources


**Primary sources** are original materials that provide firsthand records of events, experiments, creative works, or statistics. They form the basis for subsequent interpretations, analyses, and explanations. Some examples of primary sources are quantitative, qualitative and empirical research studies.

**Secondary sources** are materials that provide interpretations, explanations, and descriptions of primary sources. Some examples of secondary sources are editorial and review articles, media, and other reports that review events, experiments, and creative works.
Primary Article

Evaluating a community-based stroke nursing education and rehabilitation programme for patients with mild stroke.

Authors: Wang, Lee, Chen, Chiu-Mei; Liao, Wen-Chun; Hsiao, Chun-Yin

Affiliation: Department of Public Health, Chung-Shan Medical University
Department of Neurology, Chung Shan Medical University Hospital
School of Nursing, Chung Shan Medical University Public Health Bureau


Publication Type: journal article - research; tables/charts

Language: English

Major Subjects: Stroke -- Nursing
Stroke Patients -- Education
Stroke -- Rehabilitation
Health Knowledge -- Evaluation
Community Health Nursing -- Evaluation

Minor Subjects: Human; Taiwan; Adult; Middle Age; Aged; Aged, 80 and Over; Male; Female; Psychological Tests; Interviews; Descriptive Statistics; Data Analysis, Statistical; Data Analysis Software; T-Tests; Chi Square Test; Repeated Measures; Analysis of Variance; Post Hoc Analysis; Spearman's Rank Correlation Coefficient; F-Value; Self-Efficacy -- Evaluation

Abstract: This study evaluated whether mild stroke patients who received a community-based stroke nursing intervention had better stroke knowledge, behaviour and self-efficacy than those who were exposed to traditional education programmes. The intervention group consisted of sixty five stroke patients randomly selected from seven communities who received three 2-hour stroke interventions per week for 8 weeks. The normal care group consisted of sixty two stroke patients randomly selected from a medical centre who received a general stroke education programme. The stroke patients in two
This study evaluated whether mild stroke patients who received a community-based stroke nursing intervention had better stroke knowledge, behavior and self-efficacy than those who were exposed to traditional education programmes. The intervention group consisted of sixty five stroke patients randomly selected from seven communities who received three 2-hour stroke interventions per week for 8 weeks.

Authors: Green, Theresa; Kelloway, Linda; Davies-Schinkel, Corrine; Hill, Michael; Lindsay, M Patrice


Publication Type: journal article – research, systematic review tables/charts

Language: English

Major Subjects: Accountability Clinical Effectiveness Neuroscience Nursing Nursing Outcomes Quality of Nursing Care Stroke — Nursing

Minor Subjects: Acute Care, After Care, CINAHL Database; Cochrane Library, Embase; Human; Medline; Nursing Interventions; PubMed; Research – Evaluation; Scales; Systematic Review

Abstract: Over the past decade, an exciting area of research has emerged that demonstrates strong links between specific nursing care activities and patient outcomes. This body of research has resulted in the identification of a set of “nursing-sensitive outcomes” (NSOs). These NSOs may be interpreted with more meaning when they are linked to evidence-based best practice guidelines, which provide a structured means of ensuring care is consistent among all health care team members, across geographic locations, and across care settings. Uptake of evidence-based best practices at the point of care has been shown to have a measurable positive impact on processes of care and patient outcomes. The purpose of this paper is to present a systematic, narrative review of the literature regarding the clinical effectiveness of nursing management strategies on stroke patient outcomes sensitive to nursing interventions. Subsequent investigation will explore current applications of nursing-sensitive outcomes to patients with stroke, and identify and validate measurable NSOs within stroke care delivery.

Journal

Secondary research
The purpose of this paper is to present a systematic, narrative review of the literature regarding the clinical effectiveness of nursing management strategies on stroke patient outcomes sensitive to nursing interventions.
Nursing Journals
Library Research – Tools and Processes

• Tools
  • Databases: CINAHL, Medline, PubMed, Nursing Reference Center
  • Journals
  • Interlibrary Loan (ILL)
  • Websites

• Processes
  • Search strategy
  • Evaluate results
  • Obtain source
  • Citations
Databases
Databases

• Collections of articles, reports, books, and other types of items
• Provide a means of searching for information you need
• Databases are designed and organized in a manner to help you search
• Might include actual “text” or might just be an index without text
Cumulative Index to Nursing and Allied Health Literature

http://www.ebscohost.com/academic/cinahl-complete
Databases
(also called article databases, index or index/abstract databases)

• Articles are **indexed** in databases **fields**.
  • Index of **words/subjects/topics** in back of a book
  • Index of **authors** in back of a book
  • Index of **images** in back of a book
  • Subjects, authors, images are database **fields**
Databases
(also called article databases, index or index/abstract databases)

• Generally, one searches using words or **terms** in **fields**. Each field can be indexed
  • Abstract
  • Title
  • Keyword
  • Subject
  • Author
  • Publication

• “Select a field” in Ebsco generally means will search in all fields. Will illustrate.
Databases
(also called article databases, index or index/abstract databases)

• Have filters to let you specify ...
  • Year(s) published
  • Types of resources/studies (journal article, clinical trial, meta-analysis, etc.)
  • Geographic data
  • Age
  • Gender
  • Nursing journals
  • And more ...
Databases
(also called article databases, index or index/abstract databases)

- CINAHL, PubMed, Medline, ProQuest Dissertations & Theses, Education Resources Information Center (ERIC), Education Research Complete, Sage Education Collection

**Getting the actual article**

- Some databases
  - (a) provide the actual article within the database
  - (b) link out to the article somewhere outside of the database
  - (c) do not provide the article (in which case one needs to use interlibrary loan ILL)

- Don’t forget to get the citations
CINAHL Advanced Search
Boolean Search

• How can you promote health related to nutrition in the elderly?
Search Terms

- Nutrition: 283K results
- Elderly: 167K results
- Health promotion: 149K results
Alternate Terms – Boolean OR

Nutrition

Nutrition OR diet

283K results

373K results
Boolean AND

nutrition AND elderly

= only area common to both

22K results
Boolean **AND** with **OR**

Nutrition OR diet

Elderly OR geriatric

nutrition AND elderly = only area common to both

38K results
Boolean AND

nutrition AND elderly AND health promotion

= only area common to all

3,340 results
Boolean Searching

283K results (search in multiple fields)

26K results (search in title)
Boolean **AND**

nutrition AND elderly

= only area common to both

22K results (search in multiple fields)

280 results (search in title only)
Boolean AND

(nutrition OR diet) AND (elderly OR geriatric)
= only area common to both
38K results (search in multiple fields)
479 results (search in title only)
Boolean **AND**

(Nutrition OR diet) AND (elderly or geriatric) AND (health promotion OR health education)

= only area common to all

23K results
Databases By Subject
Databases By Subject

The databases below cover general subjects and are great places to start, no matter what.

Find Databases by Subject

To find databases for specific subjects, check out the pages below or filter the A-Z list by subject:

- Business
- Communication & Media Arts
- Education & Educational Psychology
- English, Languages, & Literature
- History & Non-Western Cultures
- JLA: Justice & Law Administration
- Math & Computer Science
- News
- Nursing, Medicine, & Allied Health
- Philosophy & Humanistic Studies
- Psychology
- Reference & Statistics
- Sciences
- Social Sciences
- Visual & Performing Arts
Nursing Databases

- CINAHL Complete
  This is the definitive research tool for nursing and allied health professionals. With CINAHL Complete users get fast and easy access to top nursing and allied health journals, evidence-based care sheets and quick lessons. Indexing for more than 5,000 journals. Full text for more than 1,000 journals.

- MEDLINE 1966-present
  Premier source for bibliographic and abstract coverage of biomedical literature. Includes information from Index Medicus, Index to Dental Literature, and International Nursing. Also provides other sources of coverage in the areas of allied health, biological and physical sciences, humanities and information science as they relate to medicine and health care, communication disorders, population biology, and reproductive biology.

- Ovid Nursing Journals
  The Ovid Nursing Collection provides access to a collection of high-quality nursing journals.

- PubMed

Reference Databases for Nursing and Health

- Nursing Reference Center
  Nursing Reference Center (NRC) provides a user-friendly interface for nurses, nurse administrators, nursing students, nurse faculty, and the public. It offers the best available and most recent clinical evidence and links nursing-specific resources, including nursing-specific guidelines interfaces.

- DSM Library (Psychiatry Online)
  The standard diagnostic tool used by mental health professionals to diagnose mental disorders and their corresponding diagnostic codes. It includes descriptive details including syndromes, associated features, prevalence, gender-specific features, and statistical diagnosis.

- Health and Physical Education Instruments Database (HaPI)
  Produced by Behavioral Measurement Database Services
CINAHL Homepage
Initial Search
No Limiters
Search Results: 1 - 10 of 1,805

   Objective: To explore possible explanations for differences in mammography rates between Amish women in Arthur, Illinois, and other populations. Design: In this cross-sectional study, primary data.
   Subjects: Amish Illinois, Mammography Utilization; Breast Neoplasms Radiography; Cancer Screening; Adult: 19-44 years; Middle Aged: 45-64 years; Aged: 65+ years; Female

2. Effects of a physical activity and nutrition program in retirement villages: a cluster randomised controlled trial.
   Background: This cluster randomised controlled trial aimed to determine if a 6-month home-based intervention could improve the physical activity and dietary behaviours of adults aged 65 to 90 yrs.
   Subjects: Health Promotion Methods, Physical Activity In Old Age; Diet In Old Age; Middle Aged: 45-64 years; Aged: 65+ years; Aged, 80+ over
Same Search
Limited to Peer Reviewed, English, 2007-2017
Same Search
Limited to Peer Reviewed, English, 2007-2017
And Now Changed to Title Field
Effects of a physical activity and nutrition program in retirement villages: a cluster randomised controlled trial.

Authors: Janice, Jonnie; Holt, Anne-Marie; Lee, Andy; Kerr, Deborah; Robinson, Suzanne; Li, Tang; Anderson, A. S.; Hills, Andrew; Howard, Peter

Affiliation: Collaboration for Evidence, Research and Impact in Public Health, School of Public Health, Curtin University, GPO Box U1967, Perth, WA 6845, Australia

Source: International Journal of Behavioral Nutrition & Physical Activity (IJBNP) 8(1), 1-10

Abstract: Background: This cluster randomised controlled trial aimed to determine if a 6-month home-based intervention could improve the physical activity and dietary behaviour of adults aged 60 to 65 years living in retirement villages in Perth, Western Australia. Methods: Participants (n = 369) from 38 retirement villages were recruited into the trial and allocated to the intervention (n = 157), control (n = 150) or control (n = 161) groups, and were blinded. Participants were assigned to the intervention group, which was delivered through a combination of home visits, telephone and email support. The control group received no intervention. Results: Participants who received the intervention were more likely to increase their physical activity (odds ratio = 2.57; 95% confidence interval = 1.35 to 4.90) and dietary intake (odds ratio = 1.50; 95% confidence interval = 1.14 to 1.96). Conclusion: The intervention was effective in improving physical activity and dietary intake among adults aged 60 to 65 years living in retirement villages.

Publication Type: Article

Language: English

Major Subjects: Health Promotion – Methods in Old Age; Physical Activity – In Old Age; Diet – In Old Age

Minor Subjects: Human; Randomized Controlled Trials; Random Assignment; Intervention Trials; Housing for the Elderly; Middle Age; Aged; Aged, 60 and Over; Western Australia; Prospective Studies; Single-Blind Studies; Questionnaires; Nutritional Assessment; Body Weight and Mass; Blood Pressure Determination; Prevalence-Prevalent Design; Chi Square Test; T-Tests; Regression; Descriptive Statistics; Statistical Significance; P-Value; Weight Loss; Resistance Training; Fruit; Food Intake
Physicians’ Discussions About Body Weight, Healthy Diet, and Physical Activity With Overweight or Obese Elderly Patients.

Authors: Ann, SangNam; Smith, Matthew Lee; Ory, Marcia Q.

Affiliation: University of Memphis, Memphis, TN, USA, Texas A&M Health Science Center, College Station, TX, USA

University of Georgia, Athens, GA, USA, Texas A&M Health Science Center, College Station, TX, USA

Texas A&M Health Science Center, College Station, TX, USA

Source: Journal of Aging & Health (J AGING HEALTH), Oct 2012; 24(7): 1179-1202 (24p)

Publication Type: Journal Article - research, tables/charts

Language: English

Major Subjects: Physicians

Obesity – Therapy – In Old Age

Health Education – In Old Age

Health Promotion – In Old Age

Weight Control – In Old Age

Physical Activity – In Old Age

Body Weight – In Old Age

Diet – In Old Age

Gerontologic Care

Minor Subjects: Aged; Aged, 65 and Over; Descriptive Statistics; Human; Body Mass Index; Surveys; Logistic Regression; Severity of Illness; Health Resource Utilization; Health Status; Communication; Professional-Patient Relations; Survey Research; Texas; Ethnic Groups; Educational Status; Male; Female; Comorbidity; Questionnaires; Eating Behavior; Life Style; Sedentary; Data Analysis Software; Odds Ratio; Confidence Intervals; Self Report; Outpatients; Patients' Compliance

Journal Subset: Biomedical; Peer Reviewed; USA

Special Interest: Gerontologic Care

Instrumentation: Patient Health Questionnaire (PHQ)
Journal Finder (Link Resolver)

<table>
<thead>
<tr>
<th>Journal of Aging &amp; Health</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Title Search Results</strong></td>
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<tr>
<td>I found 1 title that matches your search.</td>
</tr>
<tr>
<td>You searched for:</td>
</tr>
<tr>
<td>Journal of Aging &amp; Health</td>
</tr>
<tr>
<td>ISSN: 0898-2643 Date: 20121001 Vol: 24 Issue: 7</td>
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<tr>
<td>&quot;Physicians’ Discussions About Body Weight, Healthy Diet, and Physical Activity With Overweight or Obese Elderly Patients.&quot; p.1179</td>
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</table>

<table>
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<th>ISSN:</th>
<th>0898-2643</th>
<th>1552-6887</th>
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<td>Aging health</td>
<td>J Aging Health</td>
<td>Journal of Aging Health an Interdisciplinary research forum</td>
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<tr>
<td>Article</td>
<td>v.24 no.7 (20121001)</td>
<td>pg.1179 &quot;Physicians’ Discussions About Body Weight, Healthy Diet, and Physical Activity With Overweight or Obese Elderly Patients.&quot; p.1179</td>
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<td>Full-Text Begins</td>
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<td>Current</td>
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<tr>
<td>Full-Text Ends</td>
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</tbody>
</table>

Place an Interlibrary Loan Request
Other Libraries

This is the only title that your search found.
• You can see the sources and the coverage dates (full text begin and end dates).

• About coverage dates ...
  – Sometimes the data displayed is incorrect.
  – The pages displayed are created as a result of several computer systems communicating.
  – Sometimes they do not get along as well as we would like, and a result is incorrect data.
  – If you see a link to buy the article, NO.
  – If you have trouble you can always contact me.
Other things you might see ...

Check dates for coverage. In this case, ILL is only choice.
Interlibrary Loan

![ILLiad Logon Form](image)
Interlibrary Loan

Form is auto-filled from database
Tools - Cite
Questions?
• CINAHL Headings
• WestSearch
• WebEx
APA Citation Style

http://libguides.wcsu.edu/styles
<table>
<thead>
<tr>
<th>Library Location</th>
<th>Collection Type</th>
<th>Call Number</th>
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<tr>
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<td>Circulating Collection</td>
<td>BF76.7.P83</td>
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<tr>
<td>Ruth A. Haas</td>
<td>Reserves</td>
<td>BF76.7.P83</td>
</tr>
<tr>
<td>Ruth A. Haas</td>
<td>Circulating Collection</td>
<td>BF76.7.P83</td>
</tr>
</tbody>
</table>
In Text Citations

Online Writing Lab
Purdue OWL
Reference List - Electronic Resources

Reference List: Electronic Sources (Web Publications)

Summary:
APA (American Psychological Association) style is most commonly used to cite sources within the social sciences. This resource, revised according to the 6th edition, second printing of the APA manual, offers examples for the general format of APA research papers, in-text citations, endnotes/footnotes, and the reference page. For more information, please consult the Publication Manual of the American Psychological Association, (6th ed., 2nd printing).
Last Edited: 2014-08-18 08:26:20

Please note: There are no spaces used with brackets in APA. When possible, include the year, month, and date in references. If the month and date are not available, use the year of publication. Please note, too, that the OWL still includes information about print sources and databases for those still working with these sources.

Article From an Online Periodical

Online articles follow the same guidelines for printed articles. Include all information the online host online available, including an issue number in parentheses.
Questions and Comments
Nursing Reference Center

• Nursing Reference Center provides nurses with evidence-based resources that they can access for quick reference at the point of care including:

• Quick lessons that provide disease and condition overviews that map to the nursing workflow
• Evidence-based care sheets that provide summaries of what is known about a disease or condition and the best treatment options
• Nursing cultural competencies that provide information on how to treat patients from diverse cultures
• Patient education handouts
• Point-of-care drug information
Nursing Reference Center
Diseases & Conditions, Stroke

Browse for: stroke

- Stroke and Cholesterol
- Stroke and Dementia
- Stroke and Hemoglobin S Disease
- Stroke and Obstructive Sleep Apnea
- Stroke and Sickle Cell Anemia
- Stroke Complications Related to Communication Problems
- Stroke Complications Related to Nutrition
- Stroke Complications Related to Sexuality
- Stroke Complications: Deep Vein Thrombosis
- Stroke Complications: Deglutition Disorders
- Stroke Complications: Difficulty Swallowing
Nursing Reference Center
Skills & Procedures, Stroke

Stroke Assessment: Using the National Institutes of Health Stroke Scale
Stroke Prevention: Patient Education
Stroke, Acute Ischemic, I.PA. Administration for: Performing
Stryker Wedge Turning Frame: Using to Turn Patient from Supine to Prone
Subarachnoid Bolt/Screw and Fiberglass Catheter: an Overview
Subcutaneous Infusions: Administration of Medication
Subcutaneous Injection: Administration of Medication in Children
Subcutaneous Injection: Medication Administration
Sublingual, Buccal, and Oral Medication Administration
Submandibular Window: Transcranial Doppler Monitoring
Substance Abuse, Admitting Patients with History of: Patient Admission
Substance Use Disorders, Teaching the Patient with: Patient and Family Education
Suction, Dry -- an Overview: Chest Tubes and Closed Chest Drain
Suction, Wet -- an Overview: Chest Tubes and Closed Chest Drain
Center for Disease Control (CDC)
https://www.cdc.gov/
CDC – Stroke

https://www.cdc.gov/stroke/