

CSULA School of Nursing (SON) Information Literacy Initiative (ILI)
Lorie Judson, PhD, RN and Jane Hook, MN, RN

Background

- Nurses often practice without current evidence often due to lack of information literacy skills
- Evidence-based practice requires the ability of nurses to access and evaluate information to sustain quality patient outcomes
- Deficits in technological skills and knowledge of appropriate data bases to access have been reported in the literature among nursing students and RN's in practice
- Hospitals are asking Schools of Nursing to address this issue before students enter the workplace
- Accreditation bodies and national organizations have identified literacy competency as an outcome
- Interdisciplinary collaboration with library specialists with curriculum integrated methods has been shown to enhance the relevance and transferability of these skills

History

- Fall 2005 meetings between Information Literacy Coordinator, Library Liaison, and Undergraduate SON Faculty began when skill deficits of new nursing students were noted by Library Staff despite the orientation given to students in their basic nursing class
- Winter 2006 a decision was made by SON Faculty with the support of the SON Administration to develop a program of information literacy in collaboration with library staff and information literacy experts on and off campus
- Winter 2006 CSU announced call for proposals for one and two year grants for longitudinal studies assessing effectiveness of information literacy instruction
- Spring 2006 proposal submitted and accepted for funding for 2 years

Information Literacy Initiative Goal:

- To prepare baccalaureate nursing graduates with demonstrated competency in information gathering for future clinical nursing practice that is based on current evidence and best practices

Target Population:

- Undergraduate nursing students in the basic baccalaureate program in the SON CSULA
- 40% of these students are second language learners
- Numerous barriers to information seeking process identified: Many are first generation, as second language learners have a well documented history of library anxiety, are under users of the library, and have difficulty acquiring nursing vocabulary and information

Intervention:

- Six courses at different levels of the curriculum were identified to receive information competency interventions: at the beginning, the middle, and the end.

The ILI grant team in collaboration with SON lead teachers of target courses, SON Administrators, Library Staff, and Consultant from CINAHL designed variety of approaches, assignments, and strategies appropriate for course content and level in curriculum to enhance information literacy skills

- Modified Information Literacy Competency survey for pre and post test

Research Design: Pre-test/Post-test with control and experimental groups Convenience sample

- Control group of 41 students admitted Spring 2006 Received usual library orientation in first quarter
Pre-testing given via Web CT following library orientation Spring 2006
Post-test will be given Fall 2008 before graduation
- Experimental group of 40 students admitted Fall 2006 Receive interventions at the beginning of the curriculum, the middle, and the end
Pretest via Web CT Fall 2006 prior to enhanced Library intervention
Post-test Spring 2009 before graduation

Analysis:

- Data will be compared between pretest, post test, GPA's at the end of the program, RN Predictor Exam given last quarter, and NCLEX (RN Licensure exam) results

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Interventions: “Ladder” Approach to Information Literacy Competency

Teaching Strategies:

- Hands on library –based interventions
- Return demonstration through required course activities
- Reinforce and reward in subsequent course work

First quarter: NURS 105 Introduction to the Professional Nursing Process

- “Building a search”
- Database In-service
- In-library activity
- Practice establishing relevant topic query
- Practice expanding and limiting database searches
- Course paper-related assignment
- ...“ According to your chosen article, what are the **specific safety concerns** relevant to this population? Write down three:”

Second quarter: NURS 211 Nursing Process Skills Lab, NURS 215 Clinical Introduction to Professional and Clinical Practice Issues

- Reinforce qtr 1 intervention using assignment to demonstrate database query, article retrieval and analysis of the relevance to chosen client.
- APA workshop

? quarter **NURS 394 Concepts in Health Promotion, Prevention, and Treatment Adherence**

- Targeted database search
- “Power” nursing journals master list
- Plagiarism exercise
- Practice paraphrasing
- Critiquing plagiarized content

? quarter: NURS 490 Introduction to Nursing Research

- Reinforcement of prior concepts

Ninth quarter: NURS Leadership and Management Dynamics Laboratory

- Citation versus quotation

CONSULTANTS:

CSULA Library

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