Introduction to Nursing Scholarship
NUR 220
Life Sciences Building Room 131
Wednesday, 12:40-2:30pm
2 Credit Hours
Fall 2015

Catalog Course Description: Prepares students to become consumers of research who critically evaluate and base their nursing care on evidence. Research methodologies essential to providing evidence-based nursing care.

Course Objectives: Upon completion of this course, students will be able to:
1. Explain the importance of nursing research and its relation to evidence-based practice.
2. Describe and apply the basic steps of the research process utilizing the appropriate terminology.
3. Evaluate level of evidence, validity, reliability, and quality of research articles.
4. Use critical appraisal skills to evaluate research findings in nursing and related fields with respect to the problem, methods, and findings.
5. Prepare and present a research poster using MSU College of Nursing (CON) guidelines and American Psychological Association (APA) citation format.

Prerequisites or Co-requisites: None

Standards Documents: The curriculum is guided by the following documents:


Course Faculty: Roxane Raffin Chan, PhD, RN, AHN-BC, LMT

Faculty Contact Information  roxane.chan@hc.msu.edu
- **Office:** (517) 432-4301
- **Office Hours:** Monday 2:00 pm – 3:30 pm
- **Note:** Times can be arranged to accommodate student schedules.
Instruction:

Methodology: This course will utilize group discussions, didactic interaction, audio-visual materials, written assignments, interviews, field work. Students will also work in small group to conduct and present research in a poster format. This course uses D2L. Presentation content, readings, and course activities, such as the discussion or assignments, will be outlined weekly in class and/or posted in D2L.

Writing Requirements: All written assignments require American Psychological Association (APA) format (see text information below). The grading of written assignments will follow the College of Nursing grading scale. One point will be deducted per day for late assignments.

Use of laptops, iPads, and other online devices: Students will no longer have the option of using laptops, IPADs, tablets, smart phones or other electronic online devices during theory classes unless instructed by the faculty member for a specific assignment. Students are encouraged to refrain from printing out the PPT slides. To facilitate note-taking faculty will number each slide enabling students to readily link slides with written notes. No Taping of lectures or presentations without instructor consent. You will be allowed to use your laptop to take the quizzes and exams only.


American Nurses Association Electronic Books (E-books)


*Access these e-books through the MSU Libraries Catalog or the Nursing E-book page: [http://libguides.lib.msu.edu/nursingebooks](http://libguides.lib.msu.edu/nursingebooks). These e-books allow unlimited concurrent users.

Required Resources, References, Supplies Students will need to complete additional outside class work such as internet or library searches, working together in group projects, and interviews and field data collection. Course materials will be accessible through D2L. If you have problems with D2L please call the help line below.

D2L Help Line
1.800.500.1554 (24 hrs, 7 days/week)
517.355.2345 (24 hrs, 7 days/week)
https://d2l.msu.edu/ (D2LHelp link in upper left corner)

Frequently Called Telephone Numbers
Media Lab (Andy Greger) Life Sciences, 353-9020
College of Nursing Student Support Services A117 Life Sciences 353-4827
**Evaluation:** Learning Assessments and Grading: The final course grade will be based on performance on the following activities:

<table>
<thead>
<tr>
<th>Assignment</th>
<th>% of course grade</th>
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<tbody>
<tr>
<td>Human Subjects certification &amp; HIPAA certification</td>
<td>5% for the completion of each certificate. 10% of total grade.</td>
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<tr>
<td>Research article critiques</td>
<td>Research critique paper and presentation 30%. 5% for contributing to discussion during other presentations. 35% of total grade</td>
</tr>
<tr>
<td>Nurse Researcher interview(s)</td>
<td>Write up and class discussion of interview(s) 10% of grade</td>
</tr>
<tr>
<td>Collaborative Research Team Project (Requires attendance for a maximum complete grade)</td>
<td>30% of total grade 5% for contributing to discussion during others presentation. 35% of total grade</td>
</tr>
<tr>
<td>Development of nursing research question through self-assessment, field work, and class discussions</td>
<td>10% of total grade (Includes self-evaluation, observational data, and idea journal)</td>
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**TOTAL** 100%

**Examinations**

a. Tardiness: If a student is late, he/she will only be allowed the allotted time remaining to complete the exam.

b. Absences: Students must notify course faculty of any absence prior to the start of the exam.

**IX. Excused Absence**

a. Absence from an exam may be excused for such reasons as a family death, serious family illness, court mandated appearance, and personal illness (requiring HCP documentation).

b. Any absence must have appropriate documentation in order to be excused. Course faculty will make the determination of whether an absence is excused if it meets the above criteria.

**XV. Unexcused Absence**

a. No make-up exam will be scheduled. Student will receive a zero grade.

**XVI. Make-Up Exams (for excused absences only)**

a. Students must contact the faculty member to schedule the make-up examination. The exam must be made-up within 1 week of the original examination date; any extension beyond 1 week is at the discretion of faculty and would only occur in the event of extraordinary circumstances. Faculty will determine the date and time of the make-up exam.

b. Make-up exams may differ from the original exam and include, for example, essay, short answer, matching, and true/false type questions.
a. Course Grading Scale: The standard College of Nursing grading scale will be utilized.

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<thead>
<tr>
<th>%</th>
<th>GRADE</th>
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<tbody>
<tr>
<td>94-100%</td>
<td>4.0</td>
</tr>
<tr>
<td>89-93.99%</td>
<td>3.5</td>
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<tr>
<td>84-88.99%</td>
<td>3.0</td>
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<tr>
<td>79-83.99%</td>
<td>2.5</td>
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<tr>
<td>75%-78.99%</td>
<td>2.0</td>
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<tr>
<td>70%-74.99%</td>
<td>1.5</td>
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<tr>
<td>65%-69.99%</td>
<td>1.0</td>
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<tr>
<td>&lt;65%</td>
<td>0.0</td>
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</tbody>
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“Final Course Grades will not be rounded”

*For specific information regarding grading related to student progression through the curriculum, please refer to the “Progression through the Major Policies” section of the Baccalaureate Student Handbook

Professionalism:
It is expected that a professional, courteous, positive demeanor will be exhibited to peers, faculty and College of Nursing staff with each encounter. It is expected that you will be on time to class. If, for some reason, you have to be late or leave early, the course faculty should be notified and plans will be made so you will not disturb the entire class. Engaging in activities not directly related to the class is unacceptable.

Class participation: A seminar style discussion will occur during each class and it is expected that students will have read the required readings and participate in discussion every day; and to use team work when completing in-class projects

Communication: Faculty can be contacted most directly by e-mail or via office phone (see page one). Send all electronic communication to faculty through D2L. If necessary, appointments may be made individually with faculty to discuss specific concerns. Questions regarding specific content are to be directed to faculty. Information, assignments, and announcements will be posted electronically on the MSU D2L site.

Student-Faculty Relationship: Any concerns or issues that arise should be discussed with faculty as soon as possible. They can be reached via e-mail or phone listed on first page of syllabus.

Honors Option: Refer to the BSN Student Handbook for CON Policy related to Honors Options in Nursing Courses.
University & College Policies:
The College of Nursing expects that students will demonstrate professional behavior in all situations. Specific expectations for clinical and other professional venues can be found in the appropriate handbook. You are responsible for reviewing and acting in accordance with the policies and procedures found in the following sources, including the following topics: Professionalism, Academic Integrity, Accommodations for Students with Disabilities, Disruptive Behavior, Attendance, Compliance, and Progression.

- CON MSN Student Handbook: [http://nursing.msu.edu/MSN%20Programs/Handbooks/default.htm](http://nursing.msu.edu/MSN%20Programs/Handbooks/default.htm)
- Information for MSU Students: [http://www.msu.edu/current/index.html](http://www.msu.edu/current/index.html)
- Academic Programs: [http://www.reg.msu.edu/AcademicPrograms](http://www.reg.msu.edu/AcademicPrograms)
- Code of Teaching Responsibility and Student Assessments and Final Grades: [http://www.reg.msu.edu/AcademicPrograms/Print.asp?Section=514](http://www.reg.msu.edu/AcademicPrograms/Print.asp?Section=514)
- Integrity of Scholarship and Grades: [http://www.reg.msu.edu/AcademicPrograms/Print.asp?Section=534](http://www.reg.msu.edu/AcademicPrograms/Print.asp?Section=534)

University Policies:

**Academic integrity:** Article 2.3.3 of the Academic Freedom Report states that "The student shares with the faculty the responsibility for maintaining the integrity of scholarship, grades, and professional standards." In addition, the College adheres to the policies on academic honesty as specified in General Student Regulations 1.0, Protection of Scholarship and Grades; the all-University Policy on Integrity of Scholarship and Grades; and Ordinance 17.00, Examinations. (See Spartan Life: Student Handbook and Resource Guide [http://splife.studentlife.msu.edu/](http://splife.studentlife.msu.edu/) and/or the MSU Web site: [www.msu.edu](http://www.msu.edu)). Therefore, unless authorized by your instructor, you are expected to complete all course assignments, including homework, lab work, quizzes, tests and exams, without assistance from any source. You are expected to develop original work for this course; therefore, you may not submit course work you completed for another course to satisfy the requirements for this course. Also, you are not authorized to use the [www.allmsu.com](http://www.allmsu.com) Web site to complete any course work in NUR 370. Students who violate MSU rules may receive a penalty grade, including--but not limited to--a failing grade on the assignment or in the course. Contact your instructor if you are unsure about the appropriateness of your course work. (See also [https://www.msu.edu/unit/ombud/academic-integrity/index.html#regulations](https://www.msu.edu/unit/ombud/academic-integrity/index.html#regulations))

**Accommodations for students with disabilities:** Students with disabilities should contact the Resource Center for Persons with Disabilities to establish reasonable accommodations. For an appointment with a disability specialist, call 353-9642 (voice), 355-1293 (TTY), or visit [MyProfile.rcpd.msu.edu](http://MyProfile.rcpd.msu.edu).

**Disruptive behavior:** Article 2.3.5 of the Academic Freedom Report (AFR) for students at Michigan State University states: "The student's behavior in the classroom shall be conducive to the teaching and learning process for all concerned." Article 2.3.10 of the AFR states that "The student has a right to scholarly relationships with faculty based on mutual trust and civility." General Student Regulation 5.02 states: "No student shall . . . interfere with the functions and services of the University (for example, but not limited to, classes . . .) such that the function or service is obstructed or disrupted. Students whose conduct adversely affects the learning environment in this classroom may be subject to disciplinary action through the Student Faculty Judiciary process.
**Attendance:** Students whose names do not appear on the official class list for this course may not attend this class. Students who fail to attend the first four class sessions or class by the fifth day of the semester, whichever occurs first, may be dropped from the course. See the Ombudsman’s web site for a discussion of student observance of major religious holidays, student-athlete participation in athletic competition, student participation in university-approved field trips, medical excuses and a dean's drop for students who fail to attend class sessions at the beginning of the semester.

**College of Nursing Policies:** Professional Development Guidelines found in CON Student Handbooks at CON website [http://nursing.msu.edu/BSN%20Programs/Handbooks/default.htm](http://nursing.msu.edu/BSN%20Programs/Handbooks/default.htm). Students are responsible for the information found in the CON (BSN, MSU or PhD choose one Student Handbook).

**Brief Description of Course Assignments:** Further information is located in D2L and will be discussed in class.

A. **Human Subjects certification and Health Insurance Portability and Accountability Act of 1996 (HIPAA) certification:** Instructions on how to complete these modules are available in D2L. Modules will need to be completed by week 6.

B. **Research Article Critique and presentation:** A paper (between four and five pages), with a separate cover and reference page in APA format. Requirements for the paper are listed in the Critique of Research Article scoring rubric. Critique will be presented in class for discussion.

C. **Nurse researcher interview:** Students will use the template and conduct an in class interview with a research scientist.

D. **Research journal:** Students will be expected to keep a research journal for the purpose of generating research questions, models and potential research methods.

E. **Collaborative Research Team Project:** Students will self-select with assistance to form a research team to develop a Collaborative Research Team Project. This project will be presented in a poster format during class time.

**Collaborative Research Team Project (CRT)**

This project is designed to link research to practice-based experiences, research supports practice and practice supports research. Students will self-select into a collaborative research team (CRT) based on identified research interests with the help of Dr. Chan. Each CRT will identify a health-centered problem in the context of the Definition of Nursing quoted in the American Nurses Association (2010) Nursing Social Policy Statement: The Essence of the Profession” (see definition below). Based upon this health-centered problem, the CRT will develop a Poster Presentation to be disseminated by the CRT in class at the end of the semester.
“Nursing is the protection, promotion, and optimization of health and abilities, prevention of illness and injury, alleviation of suffering through the diagnosis and treatment of human response, and advocacy in the care of individuals, families, communities, and populations.”

An Overview of the Process for the CRT

1. Identify and select a health-centered problem and a group to work with.
   a. Attain Dr. Chan’s approval to proceed with the proposed project and project team membership.
2. Work together, collaboratively to complete the following:
   a. A problem statement, purpose statement and specific aims
   b. Conduct a literature review
   c. Select one major study for each person in the group to critique and present (see rubric for this assignment)
   d. Identify methods, develop research proposal and complete work outlined in the proposal
   e. Design and format a research poster according to College of nursing format
   f. Present the research poster in a professional manner

<table>
<thead>
<tr>
<th>Class Dates</th>
<th>Weekly Course Content</th>
<th>Required Reading(s)</th>
<th>Activities and Assignments</th>
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<tbody>
<tr>
<td>Week 1</td>
<td>Course Orientation</td>
<td>P &amp; B Ch 1 and 5</td>
<td>Go to this web site and look around <a href="http://www.healthypeople.gov/">http://www.healthypeople.gov/</a></td>
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<tr>
<td>9/9</td>
<td>• Welcomes to Our Class!</td>
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<td>• Review of the Syllabus.</td>
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<td>• Getting Started Learning Activities:</td>
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<td></td>
<td>• Human Participants (Subjects)</td>
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<td></td>
<td>• Health Insurance Portability and Accountability Act (HIPAA)</td>
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<td>• Getting to Know You</td>
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<td></td>
<td>• Introduction to Nursing Research</td>
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<td>• Evidence-based Nursing: Fundamentals</td>
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<td>Week 2</td>
<td>Overview of nursing research and evidence based-practice</td>
<td>P &amp; B Ch. 2—3</td>
<td>Investigate the following websites and identify research topics that interest you to discuss in class</td>
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<tr>
<td>9/16</td>
<td>• Nursing research/other disciplines</td>
<td><a href="http://www.nih.gov/">http://www.nih.gov/</a></td>
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<td></td>
<td>• Quantitative/Qualitative/Mixed methods</td>
<td><a href="http://www.cdc.gov/">http://www.cdc.gov/</a></td>
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<td></td>
<td>• Getting to Know Yourself and your research interests.</td>
<td><a href="http://www.who.int/en/">http://www.who.int/en/</a></td>
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<td></td>
<td>• Research trends/Hot topics</td>
<td><a href="http://www.anfonline.org/">http://www.anfonline.org/</a></td>
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<tr>
<td>Week</td>
<td>Date</td>
<td>Topic</td>
<td>Subtopics</td>
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| 3    | 9/23 | Preliminary steps in appraisal | • Reading and Critiquing Research Articles  
• Background and significance of a research problem/question  
• Discuss the findings of your self-evaluation and field study.  
• In class research article critique | P & B Ch. 4  
Complete your self-evaluation  
Complete one field observational study  
Review journal content with Dr. Chan |
| 4    | 9/30 | Problem identification and translation for research | • Select research teams/how to work in teams  
• Theories and conceptual frameworks  
• Research problem, questions and hypotheses | P & B Ch. 6 and 8  
Posted in D2L: Read “Top 10 nursing studies”  
Select research article for critique paper. Must be approved by Dr. Chan no later than end of class on 9/30 |
| 5    | 10/7 | Finding and critiquing evidence | • Discussion on CRT organization and working plan  
• Finding and reviewing research evidence in the literature  
• Heidi Schroeder MLIS MSU Health Sciences Librarian | P & B Ch.7  
Begin to formulate project for CRT |
| 6    | 10/14 | Research design | • Quantitative research design  
• Qualitative research design  
• Data quality and rigor in research  
• Honored guest: Anne Vitale, PhD, APN, AHN-BC | P & B Ch. 9 and 14  
Draft background and significance of problem with CRT  
Draft the Purpose statement with CRT  
Research critique papers due before start of class on 10/14 |
| 7    | 10/21 | Data analysis | • Qualitative data collection and analysis  
• Honored guest: Patricia Bailey, RN, PhD | P & B Ch. 15 and 16  
Work in CRT to complete literature review |
| 8    | 10/28 | Data analysis | • Quantitative data collection and analysis  
• Synthesizing review of literature  
• Discuss methods for CRT | P & B Ch. 10 - 12  
Have HIPPA and human subjects competed by start of class 10/28  
Have literature grid complete for your group poster presentation |
| Week 9  | 11/4  | • Rigor and interpretation of quantitative data  
• Trustworthiness and integrity of qualitative data  
• How to create a poster presentation | P & B Ch. 13 and 17 | Watch this video  
http://urca.msu.edu/uuraf/presentation/format/poster |
|---|---|---|---|---|
| Week 10 | 11/11 | Research dissemination  
• Implication to practice  
• Research strength and limitations  
• Honored guest: Denise Soltow Hershey PhD, FNP-BC  
• Honored guest: Bethsheba Johnson, M.S.N., C.N.S., G.N.P.-B.C., A.A.C.R.N., A.A.H.I.V.S. | P & B Ch. 18 and 19 | Finalize CRT project methods |
| Week 11 | 11/18 | CRT project discussions  
Present research article critique |  |  |
| Week 12 | 11/25 | CRT project discussions  
• Dr. Chan will be available for help with your group work | Group work |  |
| Week 13 | 12/2 | CRT Project discussion  
• Problems and solutions  
• Research hot topics  
• Depending on class size we may begin to present posters on this day | Last chance for group work |  |
| Week 14 | 12/9 | Graduate education  
Poster presentations  
• The types of advanced degrees and doctoral education | Post completed poster to D2L |  |