NURSING RESEARCH SEMINAR II
NUR 951 Section 001 (Credits 1)
Wednesdays, 1:00 – 1:50 pm; 510C W Fee Hall
Spring 2012

Catalog Course Description: This course is a continuation of NUR 950; and socialization to doctoral study and research environment; responsibilities of clinical nurse researcher including responsible conduct of research; and synthesis of course work and relevant research methodologies into own research.

Additional Course Description
The focus of the seminar is to: 1) provide socialization to doctoral study and the research environment; 2) foster students’ development as a clinical researcher; and 3) facilitate immersion into the research process. It is designed to provide on-going dialogue among PhD students and faculty related to doctoral study as well as the role and responsibilities of the clinical nurse researcher including responsible conduct of research. Seminars will address some of the pragmatic facets of the research process such as research dissemination and grant writing that are not a part of formal coursework. Discussion will facilitate integration of coursework and relevant research into the student’s own research and continue to build understanding of the development of a program of research.

Course Objectives: Through participation in the PhD Program Seminar, it is expected that the student will be able to:
1. Manage development of self as a clinical scholar by synthesizing coursework, meeting benchmarks, and planning for completion of the skills inventory;
2. Demonstrate working knowledge of how to build a research team;
3. Analyze the responsibilities of a clinical researcher in the protection of human subjects;
4. Evaluate research integrity, misconduct, responsible management of research data, and data sharing;
5. Integrate working knowledge of research dissemination mechanisms including an understanding of authorship principals; and
6. Differentiate the elements of a research grant application.

Prerequisites: NUR 950 Co-requisites: None

Professional Standards & Guidelines: The curriculum is guided by the following documents:

Faculty Contact Information: Sandra Spoelstra, PhD, RN
Assistant Professor
417A West Fee Hall
Tel: 517-353-8681 Email: spoelst5@msu.edu
Office Hours: scheduled per student request.

Instructional Method:
Methodology: Seminar discussion, student presentations, and faculty presentations.
Required Texts: NONE
Required Resources, References, and Supplies: ANGEL Help Line 1.800.500.1544 or 517.355.2345 (24 hrs, 7 days/week) www.angel.msu.edu

Evaluation and Grading:
Preparation for seminar and attendance is expected. Active, thoughtful participation in scholarly discussion on a consistent basis is an essential component of this learning experience and successfully completing the course. The seminar is graded Pass-No Pass.

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 PhD Student handbook  http://nursing.msu.edu/handbooks.asp
- Information for Current Students—including Rights, Responsibilities and Regulations for Students  http://www.msu.edu/current/index.html
- Academic Programs  http://www.reg.msu.edu/UCC/AcademicPrograms.asp

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 and/or the MSU Web site: 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 Web site to complete any course work in NUR 950. 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 http://www.msu.edu/unit/ombud/honestylinks.html).

Accommodations for Students with Disabilities: Students with disabilities should contact the Resources 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.

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: Students are responsible for the information found in the CON PhD Student Handbook. Professional Development Guidelines found in CON Student Handbooks at CON website.

REQUIRED READINGS BY TOPIC

Human Subjects and Integrity Articles


**Dissemination: Poster Presentations**


**Dissemination: Podium Presentations**


**Dissemination: Manuscripts**


**Systematic Reviews of the Literature**


**Anatomy of a Grant**


**National Research Services Award**


CONSORT Guidelines, Clinical Trials, Cooperative Clinical Trial Groups


Additional readings will be provided as the seminar progresses.

### Course Calendar

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<tr>
<th>Date</th>
<th>Topic</th>
<th>Assignment</th>
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<tbody>
<tr>
<td>February 1</td>
<td>Research Integrity and Research Misconduct.</td>
<td>Review MSU Human Subjects website power point.</td>
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<tr>
<td>February 8</td>
<td>Role and Responsibilities of Institutional Review Boards - 3 MSU IRBs - Informed Consent</td>
<td>Read: Human Subjects and IRB articles.</td>
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<td>February 15</td>
<td>Responsible management of research data and data sharing.</td>
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<tr>
<td>February 22</td>
<td>Developing your research skills. Planning for practicum.</td>
<td>Assignment: Draft objectives for NUR 940 next summer using MSU CON form. Bring to class 2/22</td>
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<tr>
<td>March 1</td>
<td>Authorship and publication principles/process.</td>
<td>Review MSU CON publication procedure.</td>
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<td>March 8</td>
<td>SPRING BREAK!</td>
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<tr>
<td>March 15</td>
<td>Dissemination of research findings -The elements of a research abstract.</td>
<td>Assignment: Draft an abstract on a systematic review, 250 words. Bring to class 3/15</td>
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<tr>
<td>March 22</td>
<td>Dissemination of research findings -The elements of a research poster.</td>
<td>Read: Poster articles.</td>
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<td>March 29</td>
<td>Dissemination of research findings -The elements of a research podium presentation and symposia.</td>
<td>Read: oral presentation article. Assignment: Draft an abstract on a data driven research project, 300 words. Bring to class 3/29</td>
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<td>April 5</td>
<td>Dissemination of research findings -Elements of writing a manuscript. How to select high Impact Factor journals, JANE, CONSORT, NIH Credit, Peer review</td>
<td>Read: Manuscript and Systematic Review articles.</td>
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<td>April 12</td>
<td>Grant writing: Grant submission process and CON policies</td>
<td>Read: Anatomy of a Grant.</td>
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<td>April 19</td>
<td>Grant writing NRSA Proposal Strategies</td>
<td>Read: NRSA articles.</td>
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<tr>
<td>April 26</td>
<td>Grant writing Data management, sharing, safety, monitoring and adverse events, Research Misconduct</td>
<td>Read: CONSORT Guidelines, Clinical Trials, Cooperative Clinical Trial Groups articles.</td>
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