N 536 - Utilization of Nursing Research in Advanced Practice, Summer 2008

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Topic 5: Research design

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The Research Proposal

- **Title and the cover page**
- **Abstract (limited to one page)**
- **Introduction:** The purpose of the research and statement of the problem are introduced, with background information substantiating the need for the study. Terms are defined conceptually and operationally. Hypotheses or questions that directly address the specific aims are presented in testable form.
- **Review of the literature and theoretical framework:** Relevant literature from nursing and related fields is reviewed to show awareness of knowledge extant in the area, and to demonstrate that the investigator has considered a range of possibilities for investigating the problem. The description of the study should show clearly how the study will extend previous findings. The theoretical rationale for the hypotheses or research questions is made explicit.
- **Methods:** Including sample (The parameters of the study population, sample selection procedure, size and rationale, as well as any limitations are described. Adequate scientific reasons for choosing the sample are stated), instruments (The research instruments for collecting data with a view to their appropriateness to the research at hand is presented. Information regarding their validity and reliability is included), procedure (The research design and data collection methods, including details of the setting, procedures, steps taken to control for extraneous variables, nature of the treatment to be administered, if any, and type of data to be obtained are described. Describe any procedures, situation and/or materials in the proposed research that may be hazardous to humans or, if applicable, animals. Describe precautions to be exercised and steps taken to protect rights of participants and for obtaining their informed consent), and plan for data analysis (The means by which the data will be analyzed and/or interpreted are specified in relation to each hypothesis or research question).

- **Writing skills:** Professional appearance (references being cited in the text in the APA format, neatly types, well-organized, no editing needed, etc.), clarity and conciseness of writing
- **Presentation skills:** Clarity and persuasiveness of the presentation, professional presentation skills, and ability to stay within the time limits prescribed