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

Tzeng, Huey-Ming

Tzeng, H. (2008, October 1). Utilization of Nursing Research in Advanced Practice. Retrieved from Open.Michigan - Educational Resources web site: <https://open.umich.edu/education/nursing/n536-summer2008> <<http://hdl.handle.net/2027.42/64943>>
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Topic 1: Compose research problems and purposes



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Steps in Planning Your Research Project

| Level Question | Problem | Purpose | Design Level | Design | Sample | Methodology | Analysis | Answer |
|--|--------------------------------------|---|----------------------------|--------------------|----------------------------------|---|---|---|
| I. What is or what are | Little to no literature on the topic | To declare or claim a statement(s) | Exploratory Descriptive | Exploratory | Small sample or total population | Qualitative, structured, or unstructured data | Content analysis and constant comparison | Description of the processes, concepts or phenomena |
| | | | | Descriptive | Total population sample | | Descriptive statistics | Description of variables or populations |
| II. What is or what are the relationships between or among variables | Conceptual or theoretical base | To test a question(s) or hypothesis(es) | Descriptive Survey | Correlational | As large as possible | Structured or quantitative data collection | Correlation analysis, or tests of association | Explanation of the relationship among variables |
| | | | | Comparative | Non-random assignment to groups | | Differences between group means | Support or reject a hypothesis or a theory |
| III. Why | Theoretical base | To test a hypothesis(es) | Experimental | Quasi-experimental | Non-random assignment to groups | Structured or quantitative data | Differences between sets of scores | Test a theory |
| | | | | True experimental | Random assignment to groups | | | |

Note: This table was modified from the table included in the book of Wood and Ross-Kerr (2006).

Source: Wood, M.J., & Ross-Kerr, J.C. (2006). *Basic steps in planning nursing research: From question to proposal* (6th ed.). Sudbury, MA: Jones and Bartlett Publishers, Inc.