

Kanokrat Tuancha-em 2012: Meta - Analysis of Instructional Model for Enhancing Researcher's Characteristic to the Students in Higher Education. Master of Education (Educational Research and Evaluation), Major Field: Educational Research and Evaluation, Department of Education.

Thesis Advisor: Assistant Professor Wasun Thongthai, Ed.D. 198 pages.

The purposes of the research were to 1) study the status of the research which studied about an instructional model for enhancing researcher's characteristic including general, substantive, research methodology and research quality and 2) synthesis the research in an instructional model for enhancing researcher's characteristic by meta - analysis. The sample were 22 experimental research reports in A.C.1987 - 2010. The independent variables were to moderator including general, substantive, research methodology and research quality. The dependent variable were effect sizes of research. Data was collected by employing research characteristic record form and quality research evaluation form. After that data was analyzed by using Glass Method. They were divided into 2 parts; 1) descriptive statistics and 2) estimated statistics; Mann - Whitney U test and Kruskal - Wallis test.

The results of research synthesis were as follows:

1. Most of the researches were in A.C. 2002 - 2009, from Chulalongkorn University and mostly from Doctorate's thesis in the field of curriculum and instruction. The objective of instruction focused on cognitive domain, which in Bachelor degree, and concentrate on the subject matter of nursing, small group discussion. In the activities of instruction, the instructor mostly acted as a facilitator while in the activities of students, the students mostly acted in small group discussion. However, two way media and assessment by testing were popularly applied. The two groups pretest - posttest design was mostly used which assigned number of sampling between 51 - 99 persons and mostly applied purposive sampling method. The hypothesis mostly were direction. Most research had reliability level more than 0.85, applied t - test and used significant level of .05. Evaluation score of quality research was greater than or equal to 75 percent of the total score.
2. Both factor of the research characteristic, activities of instructor and evaluation score of qualities research, were influence significantly at .05 level.
3. The research finding indicated that activities of instructor as facilitator, was influence in instructional model for enhancing researcher's characteristic significantly at .05 level.

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Thesis Advisor's signature