

## C840526 : MAJOR EDUCATIONAL RESEARCH  
KEY WORD: RESEARCH BURNOUT / LISREL MODEL / PATH ANALYSIS

SUTHEERA PHONRAK : A DEVELOPMENT OF THE CAUSAL RELATIONSHIP  
MODEL OF BURNOUT IN CONDUCTING RESEARCH OF GRADUATE STUDENTS,  
FACULTY OF EDUCATION, CHULALONGKORN UNIVERSITY. THESIS ADVISOR :  
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The purpose of this research was to develop the causal relationship model of burnout in conducting research of graduate students, Faculty of Education, Chulalongkorn University, based on the person-environment fit theory of French et.al. and the literatures. The sample consisted of 395 graduate students who enrolled during the academic year 1993 to 1995 in 11 departments of Faculty of Education, Chulalongkorn University and were conducting research in academic year 1996. Mail questionnaires were employed with 61.77% return rate of response. Data were analyzed by descriptive statistical analyses through SPSS/PC<sup>+</sup> and path analysis with latent variables through LISREL version 8.10. The result indicated that the model was consistent with empirical data. Model validation of the best fitted model provided the chi-square goodness-of-fit test of 12.191;  $p = .731$ ,  $df = 16$ ,  $GFI = .993$ ,  $AGFI = .951$  and  $LSR = 2.000$ . This model accounted for 62.7 percent of variance in the research burnout variable. The variables that had significant total effects on research burnout were social support, decision making, work overload and role conflict respectively.

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