

RELATIONSHIP OF SELECTED VARIABLES TO ACADEMIC  
ACHIEVEMENT OF MIDWIFERY STUDENTS  
OF DE LA SALLE UNIVERSITY  
EMILIO AGUINALDO COLLEGE,  
BATCH 1990 – 1992

1992

A THESIS  
PRESENTED TO THE  
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ABSTRACT

The Problem

This study was conducted to find out the relationship between the Academic Achievements and selected variables of Midwifery students batch 1990, 1991 and 1992 in De La Salle University – Emilio Aguinaldo College.

Specifically, the study aimed to answer the following questions:

1. What is the student's rating on each of the three factors such as: a) environment, b) teacher, c) students which may be correlated to their academic performances.
2. What is the academic performance of the respondents?
3. Is there a relationship between academic performance and factors such as: a) environment, b) teacher, c) student?

Hypothesis

The following hypotheses were tested:

1. There is no significant relationship between academic achievements and environmental factor.
2. There is no significant relationship between the academic achievement and teacher factor.
3. There is no significant relationship between

the academic achievement and student factor.

### Methodology

This study used the descriptive method of research to describe the degree of relation between variable and student academic achievements. The author used a questionnaire in order to assess the significant effects of the dependent variables on the academic achievements of the respondents. A five point scale was utilized for its degree of effect.

The statistical measure used was based from the responses of the subjects which was then compared to students GPA. Multiple Regression Analysis was also done to test the hypothesis.

### Findings

On the basis of the data gathered and analyzed by the author, the study revealed the following findings:

Specific Question Number 1. What is the student's rating on each of the three factors such as: a) environment, b) teacher, c) student, which may be correlated to their academic performance.

Of the 3 variables which relates with the successful studies of the midwifery students, the teacher had the highest mean of 2.817 followed by the students with 2.629 and last, the environment which had 2.600 mean value.

Specific Question Number 2. What is the Academic Performance of the respondents?

The academic performance of the respondents, computed per unit and accumulated within their semester years, a GPA of 2.0 got the highest with 47.32% in value, next was 2.5 with 35.11%, then 1.5 having a 14.50% and last was 3.0 with 3.05% for a total of 100%.

Specific Question Number 3. Is there a significant relationship between the Academic Achievements and a) environment, b) teacher, c) student.

On the relationship between academic achievements and the selected variables: environment, teacher, student, findings showed that the absolute ( $>T$ ) value of 1.960 is less than the computed T-value of -3.4639 on factor B2 (student) and computed T-value of 4.2993 on factor B3 (environment), therefore, the hypotheses were accepted and found to be significant.

On the other hand, with an absolute T-value of 1.960 which is greater than the computed T-value on factor B1 (teacher), hypothesis was rejected and not significant in effect.

Therefore, of the three factors presented in this study, teacher-factor gave the least significant relationship to success in their academic performance.

And factors on student and environment gave more significant relationships in effect to their success in studies.

Testing of Hypothesis

Is there a significant relationship between the academic achievements and one of the independent variables:

a. Teacher factor as evidenced by the Probability T-value of 0.1052 which is greater than 0.05 value, which is not significant and therefore, had the least significant relationship with the success in the studies of the respondents.

b. On the student factor with a Probability T-value of 0.0007 which is less than the 0.05 value, the hypothesis is rejected.

c. Environment factor is significant as evidenced by the Probability T-value of 0.000 which is less than the 0.05 value, hence, this means that the hypothesis is rejected.

Therefore, with the three independent variables, the factors on teachers gave the least significant relationship and not significant to the success in the studies of the midwifery students while factor on students and environment gave the significant effect and

had more significant relationship on the success of the studies of the students.

### Conclusion

On the basis of the findings, the following conclusions were drawn:

1. Of the three dependent variables, teacher factor had no significant relationship compared to the other two variables (environment and student). With regard to characteristics, attitudes, and habits of the teacher have little relationships on the academic performance of the students.

2. There is significant relationship between environment and student factor. This means that the factor related to students and environment greatly helped in predicting the academic performance of students.

### Recommendations

In the light of the following findings, the following recommendations are offered:

1. Since this is a study on the negative approach of the different factors used as variables, a similar study could be made on the opposite side (positive) on the question variables to know its effect. The same study could be done, on the College of Nursing but with bigger number of respondents.

2. Other factors can be added for future studies that can be assessed affecting the academic performance of the students. Factors like economic status of the parents, age of the students, number of units, can be taken as additional factors.

3. A significant screening instrument can be undertaken for the students' entrance examination in order to identify the ability of the students on the pursuing course.

4. A screening criteria should be considered to assess the good qualities of the teacher-learner relationship and upgrade the performance of the students.

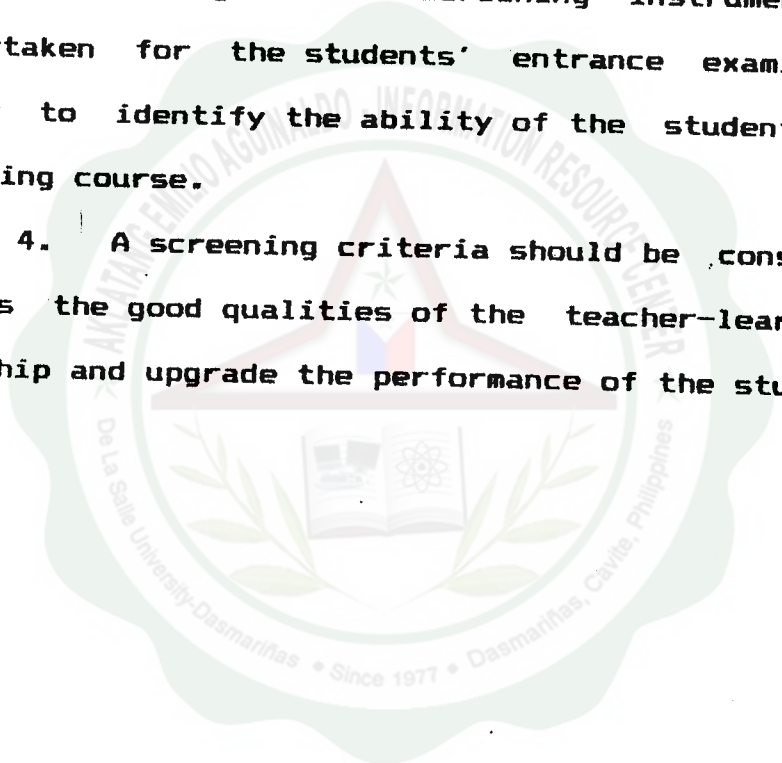


TABLE OF CONTENTS

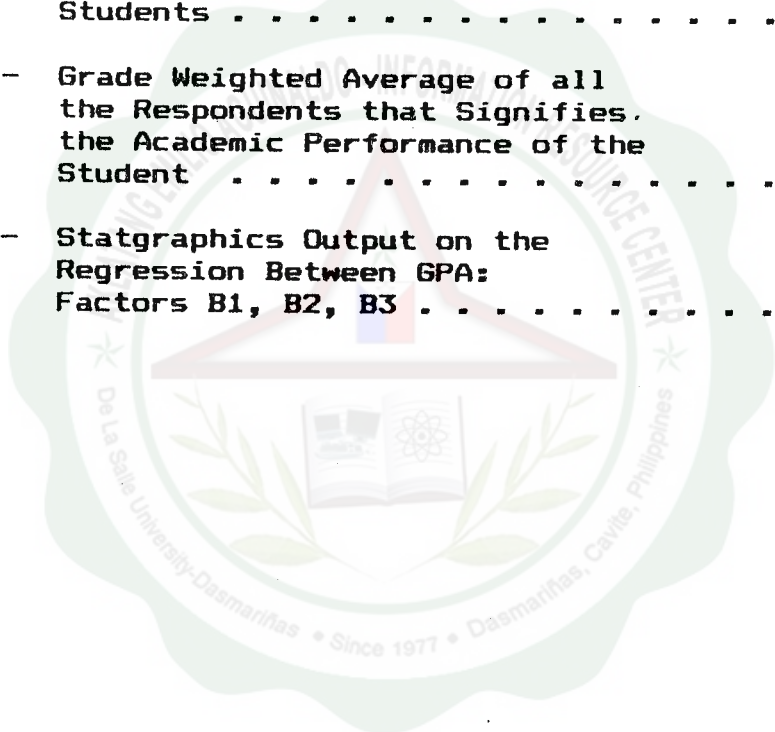
PRELIMINARIES	Page
Title Page . . . . .	i
Approval Sheet . . . . .	ii
Acknowledgment . . . . .	iii
Thesis Abstract . . . . .	vi
Table of Contents . . . . .	xii
List of Tables . . . . .	xiv
List of Figure . . . . .	xv
<b>CHAPTER</b>	
<b>I. THE PROBLEM AND ITS BACKGROUND</b>	
Introduction . . . . .	1
Background of the Study . . . . .	3
Conceptual Framework . . . . .	6
Statement of the Problem . . . . .	8
Statement of the Hypotheses . . . . .	8
Scope and Delimitation . . . . .	9
Importance of the Study . . . . .	9
Definition of Terms . . . . .	11
<b>II. REVIEW OF RELATED LITERATURE AND STUDIES</b>	
Foreign Literature/Studies . . . . .	12
Local Literature/Studies . . . . .	34



<b>III. METHODOLOGY</b>	
Research Technique . . . . .	47
The Subjects . . . . .	47
Research Instruments . . . . .	50
Administration of the Instruments . . . . .	51
Statistical Treatment of Data . . . . .	53
<b>IV. PRESENTATION, ANALYSIS AND INTERPRETATION OF DATA</b>	
Specific Problem Number 1 . . . . .	54
Specific Problem Number 2 . . . . .	60
Specific Problem Number 3 . . . . .	61
<b>V. SUMMARY, CONCLUSION AND RECOMMENDATION</b>	
The Problem . . . . .	63
Conclusion . . . . .	66
Recommendation . . . . .	67
<b>BIBLIOGRAPHY</b>	69
<b>APPENDICES</b>	
A – A Rating Scale For Factors That Interfere With Success in Studies . . . . .	74
B – Students' Mean Rating Per Factor And Their GPAs . . . . .	80
<b>CURRICULUM VITAE</b>	84

LIST OF TABLES

TABLE	Page
1 - Distribution Of Respondents According To Year Level . . . . .	50
2 - Mean Distribution of Selected Factors Related to the Academic Performance of the Midwifery Students . . . . .	57
3 - Grade Weighted Average of all the Respondents that Signifies the Academic Performance of the Student . . . . .	60
4 - Statgraphics Output on the Regression Between GPA: Factors B1, B2, B3 . . . . .	61



LIST OF FIGURE

FIGURE	Page
1 - Research Paradigm of Variables Related to Academic Achievement . . . . .	6

