FACTORS ASSOCIATED WITH SENSE OF EFFICACY AMONG FIRST YEAR TEACHERS IN SARAWAK

RAHMAH BT. MURSHIDI.

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FACTORS ASSOCIATED WITH SENSE OF EFFICACY AMONG FIRST YEAR TEACHERS IN SARAWAK

By

RAHMAH BT MURSHIDI

Thesis Submitted in Fulfilment of the Requirement for the Degree of Doctor of Philosophy in the Faculty of Educational Studies Universiti Putra Malaysia

April 2005
DEDICATION

To
My beloved husband,
Saiful Hj Yahya
and my loving children,
Khairul, Haziq, Fatin & Yasmin
For all the love, care, patience, understanding and unfailing support.
Abstract of thesis presented to the Senate of Universiti Putra Malaysia in fulfilment of the requirement for the degree of Doctor of Philosophy.

FACTORS ASSOCIATED WITH SENSE OF EFFICACY AMONG FIRST YEAR TEACHERS IN SARAWAK

By

RAHMAH BT MURSHIDI

April 2005

Chairman: Associate Professor Dr Mohd Majid bin Konting
Faculty: Educational Studies

This study aimed at examining factors associated with sense of efficacy among first year beginning teachers in Sarawak, Malaysia. Beginning teachers are newly and fully qualified teachers in their first three years of teaching assignment. The aim of this study was pursued by: (a) examining the correlation between two contextual variables (support system and school climate) and first year teachers' sense of efficacy; (b) investigating the differences in sense of efficacy in relation to selected demographic variables; and (c) identifying the predictors of first year teachers’ sense of efficacy from the independent variables.

This study employed a combination of both quantitative and qualitative methods. Quantitative method was set to examine the associating factors while as qualitative method was utilised to support and triangulate the association. The quantitative data were gathered by survey method using three instruments: Teacher Sense of Efficacy
Semi-structured interviews were employed to gather qualitative data.

The questionnaires were administered to a sample of 328 first year teachers from 45 secondary schools in Sarawak. The subjects of the study were selected by using stratified random sampling according to eight Educational Administrative Divisions in Sarawak and locality of the schools (urban and rural). The interviews were conducted with two Principals, two Administrative Senior Assistants and six first year teachers from three secondary schools. Two schools with the highest efficacy mean score and one school with the lowest mean score were selected from research sample to be the sites to conduct the interviews.

The quantitative findings indicated that first year teachers demonstrated a moderate level of teachers' sense of efficacy (M = 6.57, SD = .80; score range from 1 to 9), perceived they were provided with a moderate level of support system (M = 3.32, SD = .57; score range from 1 to 5) and perceived their schools have a moderate positive school climate (M = 3.66, SD = .49; score range from 1 to 5). The correlation was significant and moderately positive between support system and first year teachers' sense of efficacy (r = .40, p < .01) and between school climate and first year teachers' sense of efficacy (r = .31, p < .01). Qualitative analyses provided related evidence to support and triangulate the correlation between the variables. There were
significant differences in first year teachers’ sense of efficacy in relation to types of teacher education (t = -2.35, p < .05), oral English proficiency (F [2, 325] = 4.30, p < .05) and ethnicity (F [3, 324] = 3.88, p < .05). There was no significant difference in first year teachers’ sense of efficacy in relation to gender (t = 1.42, p > .05), schools location (t = -.08, p > .05), having teaching experience (t = -1.28, p > .05), age groups (F [3, 324] = .85, p > .05), and teaching subject option (F [2, 325] = 2.52, p > .05). Two factors from the variable support system (instructional support and institutional support) and one factor from the variable school climate (academic press) were identified as the predictors of teachers’ sense of efficacy (R^2 = .205, F [3, 324] = 27.766, p < .001). The implication of the study on the theory and practice of teachers’ sense of efficacy was discussed. Suggestions were offered as considerations to enhance and foster senses’ of efficacy among the first year teachers.
Abstrak tesis yang dikemukakan kepada Senat Universiti Putra Malaysia sebagai memenuhi keperluan untuk ijazah Doktor Falsafah

FAKTOR-FAKTOR YANG DIKAITKAN DENGAN EFIKASI DI KALANGAN GURU TAHUN PERTAMA DI SARAWAK

Oleh

RAHMAH BT MURSHIDI

April 2005

Pengerusi: Profesor Madya Dr Mohd Majid bin Konting

Fakulti: Pengajian Pendidikan

Kajian ini bertujuan untuk meneliti faktor-faktor yang dikaitkan dengan efikasi di kalangan guru baru yang mengajar dalam tahun pertama di Sarawak, Malaysia. Guru baru adalah guru yang bertauliah dan baru bertugas dalam tiga tahun pertama pengajaran mereka. Tujuan kajian ini dilaksanakan dengan: (a) meninjau korelasi di antara dua pembolehubah kontekstual (sistem sokongan dan iklim sekolah) dengan efikasi guru tahun pertama (b) meninjau perbezaan efikasi guru tahun pertama dengan pembolehubah demografik yang terpilih; dan (c) mengenalpasti peramal efikasi guru tahun pertama dari pembolehubah tidak bersandar.

Kajian ini menggabungkan kaedah kuantitatif dan kualitatif. Kaedah kuantitatif adalah untuk meneliti faktor-faktor yang mempunyai korelasi sementara kaedah kualitatif adalah untuk menyokong dan membuat triangulasi tentang korelasi ini. Data kuantitatif diperolehi dengan kaedah survei menggunakan tiga instrumen:

Soal-selidik ditadbirkan kepada sampel yang terdiri daripada 328 guru tahun pertama dari 45 buah sekolah menengah di Sarawak. Subjek kajian dipilih menggunakan persampelan rawak strata mengikut lapan Bahagian Pentadbiran Pendidikan di Sarawak dan lokasi sekolah (bandar dan luar bandar). Temubual dijalankan dengan dua orang Pengetua, dua orang Penolong Kanan Pentadbiran dan enam orang guru tahun pertama dari tiga buah sekolah menengah. Dua buah sekolah dengan skor min efikasi tertinggi dan sebuah sekolah dengan skor min terendah dipilih daripada sampel kajian sebagai tempat untuk menjalankan temubual.

Dapatan kuantitatif menunjukkan guru tahun pertama mempamerkan tahap efikasi yang sederhana (M = 6.57, SP = .80; julat skor dari 1 hingga 9), mempunyai tahap sistem sokongan yang sederhana (M = 3.32, SP = .57 julat skor dari 1 hingga 5) dan mempunyai persepsi iklim sekolah mereka adalah sederhana positif (M = 3.66, SP = .49 julat skor dari 1 hingga 5). Hubungan yang signifikan dan sederhana positif wujud di antara sistem sokongan dan efikasi guru tahun pertama (r = .40, p < .01) dan di antara iklim sekolah dan efikasi guru tahun pertama (r = .31, p < .01). Analisis kualitatif menyokong dan memberi triangulasi tentang korelasi antara pembolehubah ini. Perbezaan-perbezaan yang signifikan wujud dalam efikasi guru tahun pertama di
antara jenis pendidikan guru (t = -2.35, p < .05), kecekapan lisan Bahasa Inggeris (F [2, 325] = 4.30, p < .05) dan bangsa F [3, 324] = 3.88, p < .05). Tidak terdapat perbezaan yang signifikan dalam efikasi guru tahun pertama di antara jantina (t = 1.42, p > .05), lokasi sekolah (t = -.08, p > .05), pengalaman mengajar (t = -1.28, p > .05), umur (F [3, 324] = .85, p > .05) dan opsyen mata pelajaran (F [2, 325] = 2.52, p > .05). Dua faktor dari pembolehubah sistem sokongan (sokongan pengajaran dan sokongan institusi) dan satu faktor dari pembolehubah iklim sekolah (penekanan terhadap akademik) dikenalpasti sebagai peramal efikasi guru tahun pertama (R² = .205, F [3, 324] = 27.766, p < .001). Implikasi kajian terhadap teori dan praktik efikasi guru tahun pertama telah dibincangkan. Cadangan-cadangan telah dikemukakan untuk meningkatkan tahap efikasi guru tahun pertama.
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I certify that an Examination Committee met on 18th April 2005 to conduct the final examination of Rahmah bt Murshidi on her Doctor of Philosophy thesis entitled “Factors Associated with Sense of Efficacy among First Year Teachers in Sarawak” in accordance with Universiti Pertanian Malaysia (Higher Degree) Act 1980 and Universiti Pertanian Malaysia (Higher Degree) Regulations 1981. The Committee recommends that the candidate be awarded the relevant degree. Members of the Examination Committee are as follows:

**AB. RAHIM BAKAR, PhD**  
Associate Professor  
Faculty of Educational Studies  
Universiti Putra Malaysia  
(Chairman)

**ZAKARIA KASA, PhD**  
Professor  
Faculty of Educational Studies  
Universiti Putra Malaysia  
(Internal Examiner)

**MOHD IBRAHIM NAZRI, PhD**  
Associate Professor  
Faculty of Educational Studies  
Universiti Putra Malaysia  
(Internal Examiner)

**FARIDAH KARIM, PhD**  
Professor  
Faculty of Education  
Universiti Kebangsaan Malaysia  
(External Examiner)

---

ZAKARIAH ABDUL RASHID, PhD  
Professor/Deputy Dean  
School of Graduate Studies  
Universiti Putra Malaysia

Date: 21 JUL 2005
This thesis submitted to the Senate of University Putra Malaysia has been accepted as fulfilment of the requirements for the degree of Doctor of Philosophy. The members of the Supervisory Committee are as follows:

MOHD MAJID KONTING, Ph.D.
Associate Professor
Faculty of Educational Studies
Universiti Putra Malaysia
(Chairman)

HABIBAH BT ELIAS, Ph.D.
Professor
Faculty of Educational Studies
Universiti Putra Malaysia
(Member)

FOO SAY FOOI, Ph.D.
Lecturer
Faculty of Educational Studies
Universiti Putra Malaysia
(Member)

____________________________________
AINI IDERIS, Ph.D.
Professor/Dean
School of Graduate Studies
University Putra Malaysia

Date: 11 AUG 2005
DECLARATION

I hereby declare that the thesis is based on my original work except for quotations and citations which have been duly acknowledged. I also declare that it has not been previously or concurrently submitted for any other degree at UPM or other institutions.

RAHMAH BT MURSHIDI

Date: 18 July 2005
TABLES OF CONTENTS

DEDICATION................................................................................................. ii
ABSTRACT........................................................................................................ iii
ABSTRAK.......................................................................................................... vi
ACKNOWLEDGEMENT................................................................................... ix
APPROVAL SHEETS......................................................................................... xi
DECLARATION FORM .................................................................................... xiii
TABLES OF CONTENTS................................................................................ xiv
LIST OF TABLES.............................................................................................. xiv
LIST OF FIGURES............................................................................................ xix
LIST OF ABBREVIATIONS............................................................................... xxii

CHAPTER

1 INTRODUCTION............................................................................................. 1
1.1 Background of the Study................................................................. 1
1.2 The Problem Statement............................................................... 8
1.3 Objectives of the Study................................................................. 10
1.4 Research Questions........................................................................... 11
1.5 Significance of the Study............................................................... 13
1.6 Limitation of the Study................................................................. 15
1.7 Definitions of the Terms................................................................. 17

2 REVIEW OF LITERATURE............................................................................ 26
2.1 Introduction......................................................................................... 26
2.2 Self-Efficacy and Teachers’ Sense of Efficacy............................ 27
  2.2.1 Defining Teachers’ Sense of Efficacy........................................ 32
  2.2.2 A Model of Teachers’ Sense of Efficacy.................................... 34
  2.2.3 Dimensions of Teachers’ Sense of Efficacy............................ 46
  2.2.4 Measuring Teachers’ Sense of Efficacy................................. 49
2.3 Beginning Teachers.......................................................................... 60
  2.3.1 Beginning Teachers’ Training
      Programmes in Malaysia................................................................. 61
  2.3.2 Beginning Teachers’ First Year of
      Teaching.......................................................................................... 62
  2.3.3 Beginning Teachers’ Sense of Efficacy.................................... 69

xiv
2.3.4 Demographic Differences in Beginning Teachers' Sense of Efficacy 74

2.4 Factors Associated with Beginning Teachers' Sense of Efficacy 87

2.5 Support System for the Beginning Teachers 89

2.5.1 Types of Support System for the Beginning Teachers 97

2.5.2 Relationship between Support System and Beginning Teachers' Sense of Efficacy 106

2.5.3 Theoretical Framework on the Relationship between Support System and Beginning Teachers' Sense of Efficacy 111

2.6 School Climate 113

2.6.1 Climate or Culture: A Comparison 113

2.6.2 Defining School Climate 115

2.6.3 The Concept of School Climate 117

2.6.4 Types of School Climate 119

2.6.5 Measuring School Climate 124

2.6.6 Studies on School Climate 131

2.6.7 Leadership Behaviour and Its Implication on School Climate 133

2.6.8 Relationship between School Climate and Beginning Teachers' Sense of Efficacy 136

2.6.9 Theoretical Framework on the Relationship between School Climate and Beginning Teachers' Sense of Efficacy 142

2.7 Formulation of Research Framework 144

2.8 Summary of the Chapter 146

3 METHODOLOGY 147

3.1 Introduction 147

3.2 Research Design 147

3.3 Rationale and Justification for Using the Survey Method 149

3.4 Population, Sample and Sampling Method 150

3.5 Description of the Population 151

3.6 Determining Sample Size 155

3.7 Sampling Procedures 157
3.8 Instrumentation.................................................. 162
   3.8.1 Teacher Sense of Efficacy Scale ...................... 163
   3.8.2 Support System Survey................................. 166
   3.8.3 School Climate Index.................................. 172
3.9 Validity and Reliability of the Instruments............... 175
3.10 The Final Instruments...................................... 177
3.11 Data Collection Procedures................................ 177
   3.11.1 Quantitative Data Collection Procedure............. 178
   3.11.2 Qualitative Data Collection Procedure.............. 180
3.12 Data Analysis Procedures.................................... 185
   3.12.1 Quantitative Data Analysis Procedure........…… 185
   3.12.2 Qualitative Data Analysis Procedure..........…… 202
3.13 Summary of the Chapter...................................... 204

4 RESULTS..................................................................... 205
4.1 Introduction...................................................... 205
4.2 Demographic Data of the Respondents..................... 206
   4.2.1 Distribution of First Year Teachers according to Gender........... 206
   4.2.2 Distribution of First Year Teachers according to School Locality.... 206
   4.2.3 Distribution of First Year Teachers according to Teaching Experience.... 207
   4.2.4 Distribution of First Year Teachers according to Types of Teacher Education .............................................. 208
   4.2.5 Distribution of First Year Teachers according to Age Groups........ 208
   4.2.6 Distribution of First Year Teachers according to Ethnicity........ 209
   4.2.7 Distribution of First Year Teachers according to Oral English Proficiency Level.................................................. 210
   4.2.8 Distribution of First Year Teachers according to Teaching Subject Option........... 211
4.3 Results.................................................................... 212
   4.3.1 Teachers’ Sense of Efficacy Levels .................... 212
   4.3.2 Levels of Support System................................ 215
   4.3.3 Types of School Climate.................................. 218
   4.3.4 The Difference in First Year Teachers’ Sense of Efficacy in Relation to Selected Demographic Variables.......... 221
### DISCUSSION OF RESULTS

5.1 Introduction ........................................... 266
5.2 Discussion of Results .................................. 266
  5.2.1 Teachers' Sense of Efficacy Levels ............ 266
  5.2.2 Levels of Support System ....................... 273
  5.2.3 Types of School Climate ......................... 278
  5.2.4 The Difference in First Year Teachers' Sense of Efficacy in Relation to Selected Demographic Variables 282
  5.2.5 Support System and First Year Teachers' Sense of Efficacy .................................. 294
  5.2.6 School Climate and First Year Teachers' Sense of Efficacy ..................................... 301
  5.2.7 The Predictive Factors of First Year Teachers' Sense of Efficacy ................................ 308

### SUMMARY, IMPLICATIONS AND RECOMMENDATIONS

6.1 Introduction ........................................... 318
6.2 Summary of the Study .................................. 318
6.3 Implications of the Study .............................. 324
  6.3.1 Levels of First Year Teachers' Sense of Efficacy ................................................. 324
  6.3.2 Levels of Support System for the First Year Teachers ........................................... 328
  6.3.3 Types of School Climate as Being Perceived by First Year Teachers .......................... 331
  6.3.4 Demographic Differences in First Year Teachers' Sense of Efficacy ............................ 334
  6.3.5 Relationship between Support System and First Year Teachers' Sense of Efficacy ........ 338
6.3.6 Relationship between School Climate and First Year Teachers’ Sense of Efficacy ........................................ 340
6.3.7 The Predictive Factors of First Year Teachers’ Sense of Efficacy ........................................ 342
6.4 Recommendations ........................................ 343
6.4.1 Recommendations for Policy Makers and Practitioners ........................................ 344
6.4.2 Recommendations for Future Research .................... 348

REFERENCES ........................................................................ 351

APPENDICES ........................................................................ 375
A1 Research Questionnaires ........................................ 376
A2 Interview Protocols ........................................ 387
B Permission to Use Research Instrument .................... 390
C1 Permission to Conduct Research (MOEM) ..................... 395
C2 Permission to Conduct Research (JPN Sarawak) ............. 396
D1 Research Translation Panel ..................................... 397
D2 Credentials of Research Translation Panel ...................... 399
E1 Results of Exploratory Data Analysis on Assumptions of Normality and Homogeneity .......... 401
E2 Results of Exploratory Data Analysis on Assumptions of Linearity and Homoscedasticity .......... 408
E3 Regression Model Summary for Whole Sample ............... 414

BIODATA OF THE AUTHOR .................................................. 422
<table>
<thead>
<tr>
<th>Table</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.1</td>
<td>Number of rural and urban secondary schools with first year teachers according to Educational Administrative Divisions in Sarawak</td>
<td>153</td>
</tr>
<tr>
<td>3.2</td>
<td>The distribution of first year teachers according to the date of placement, Educational Administrative Divisions and locality (population of the study)</td>
<td>154</td>
</tr>
<tr>
<td>3.3</td>
<td>Number of rural and urban secondary schools and number of respondents initially involved in the study according to the Educational Administrative Divisions in Sarawak</td>
<td>159</td>
</tr>
<tr>
<td>3.4</td>
<td>The initial distribution of first year teachers according to the date of placement, Educational Administrative Divisions and school locality</td>
<td>160</td>
</tr>
<tr>
<td>3.5</td>
<td>Number of rural and urban secondary schools and number of respondents finally involved in the study according to the Educational Administrative Divisions in Sarawak</td>
<td>161</td>
</tr>
<tr>
<td>3.6</td>
<td>The final distribution of first year teachers according to the date of placement, Educational Administrative Divisions and school locality</td>
<td>162</td>
</tr>
<tr>
<td>3.7</td>
<td>The three factors of Teacher Sense of Efficacy Scale</td>
<td>166</td>
</tr>
<tr>
<td>3.8</td>
<td>Factor loading for all items in Support System Survey</td>
<td>169</td>
</tr>
<tr>
<td>3.9</td>
<td>Inter-correlation of Support System Survey and the three factors</td>
<td>171</td>
</tr>
<tr>
<td>3.10</td>
<td>The three dimensions of Support System Survey</td>
<td>172</td>
</tr>
<tr>
<td>3.11</td>
<td>The four dimensions of School Climate Index</td>
<td>174</td>
</tr>
<tr>
<td>3.12</td>
<td>Reliability indices of the final three instruments</td>
<td>176</td>
</tr>
<tr>
<td>3.13</td>
<td>The pseudonym names of the schools and the data of the informants</td>
<td>182</td>
</tr>
<tr>
<td>3.14</td>
<td>The data collection approaches</td>
<td>184</td>
</tr>
</tbody>
</table>
4.14 The results of t-test for difference in relation to teaching experience.. 225

4.15 The results of t-test for difference in relation to types of teacher education.................................................. 226

4.16 Mean and standard deviation according to age groups............ 228

4.17 The results of One-Way ANOVA test for difference in relation to age groups............................................ 228

4.18 Mean and standard deviation according to ethnicity.............. 229

4.19 The results of One-Way ANOVA test for difference in relation to ethnicity................................................... 230

4.20 Mean and standard deviation according to oral English proficiency level.......................................................... 232

4.21 The results of One-Way ANOVA test for difference in relation to oral English proficiency level.......................... 232

4.22 Mean and standard deviation in relation to teaching subject option......................................................................... 234

4.23 The results of One-Way ANOVA test for difference in relation to teaching subject option........................................ 234

4.24 The results of correlation test between support system and the three factors with first year teachers’ sense of efficacy...... 236

4.25 The results of correlation test between school climate and the four factors with first year teachers’ sense of efficacy...... 248

4.26 The results of stepwise regression between teachers’ sense of efficacy and the independent variables......................... 259

4.27 The results of stepwise regression between instructional strategies efficacy and independent variables ..................... 261

4.28 The results of stepwise regression between classroom management efficacy and independent variables.................. 262

4.29 The results of stepwise regression between student engagement efficacy and independent variables..................... 264

xxi
## LIST OF FIGURES

<table>
<thead>
<tr>
<th>Figure</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.1</td>
<td>The Conceptual Framework of Efficacy</td>
<td>28</td>
</tr>
<tr>
<td>2.2</td>
<td>A Model of Teachers' Sense of Efficacy</td>
<td>34</td>
</tr>
<tr>
<td>2.3</td>
<td>Theoretical Framework of the Relationship between Support System, First Year Teachers' Sense of Efficacy and Students' Efficacy</td>
<td>112</td>
</tr>
<tr>
<td>2.4</td>
<td>Theoretical Framework of the Relationship between School Climate, Teacher Efficacy and Students Achievement</td>
<td>143</td>
</tr>
<tr>
<td>2.5</td>
<td>The Research Framework</td>
<td>145</td>
</tr>
<tr>
<td>3.1</td>
<td>The Flowchart that described the procedure in collecting Qualitative data</td>
<td>181</td>
</tr>
<tr>
<td>5.1</td>
<td>Illustrated summary on the integration of qualitative and quantitative results in the relationship between support system, school climate and teachers' sense of efficacy</td>
<td>307</td>
</tr>
<tr>
<td>5.2</td>
<td>A Modified Model of Teachers' Sense of Efficacy</td>
<td>315</td>
</tr>
<tr>
<td>5.3</td>
<td>The New Research Model Developed from the Study</td>
<td>316</td>
</tr>
</tbody>
</table>
LIST OF ABBREVIATIONS

EPRD  Educational Planning and Research Division
KDPM  Kursus Diploma Perguruan Malaysia
KPLI  Kursus Perguruan Lepasan Ijazah
MOEM  Ministry of Education Malaysia
NQT  Newly Qualified Teachers
PTA  Parent Teacher Association
OCDQ  Organisational Climate Description Questionnaires
OHI  Organisational Health Inventory
OSTES  Ohio State Teacher Efficacy Scale
SCI  School Climate Index
SPM  Sijil Pelajaran Malaysia
SSS  Support System Survey
TES  Teacher Efficacy Scale
TSES  Teacher Sense of Efficacy
CHAPTER 1
INTRODUCTION

1.1 Background of the Study

The quality of education in our nation has been a continual concern of the public. This concern has been translated into numerous programmes to improve teaching and teacher quality especially among the beginning teachers. Beginning teachers are newly qualified teachers in their first three years of teaching appointment after undergoing and completing their teacher preparation programme. Being new in the profession, these beginning teachers need to be groomed as professionally effective and quality teachers (Weiss & Weiss, 1999). Having quality teachers to teach in schools will greatly influence students performance and achievement (Killion & Hirsh, 2001), which will consequently improve the quality of education.

Both teacher training institutions and universities may endeavour their best to prepare their trainees to deal successfully in situations teachers regularly face. The trainees are given comprehensive pedagogical input as well as real teaching experience. However, the task of preparing teachers cannot be accomplished solely through pre-service programmes. Teacher preparation programmes merely provide the foundation for continual professional growth. It can only be conceived as a substantial beginning of a lifelong programme of professional education. Therefore other critical steps in continual development of teachers should be carried out during