The copyright © of this thesis belongs to its rightful author and/or other copyright owner. Copies can be accessed and downloaded for non-commercial or learning purposes without any charge and permission. The thesis cannot be reproduced or quoted as a whole without the permission from its rightful owner. No alteration or changes in format is allowed without permission from its rightful owner.



# FACTORS INFLUENCING SERVICE COMMITMENT OF SCHOOL TEACHERS



# MASTER OF SCIENCE MANAGEMENT UNIVERSITI UTARA MALAYSIA JUNE 2016

# FACTORS INFLUENCING SERVICE COMMITMENT OF SCHOOL TEACHERS



Thesis Submitted to
Othman Yeop Abdullah Graduate School of Business
College of Business
Universiti Utara Malaysia
In Partial Fulfillment of the Requirement for the Degree of
Master of Science Management



#### PERAKUAN KERJA KERTAS PENYELIDIKAN

(Certification of Research Paper)

Saya, mengaku bertandatangan, memperakukan bahawa (I, the undersigned, certified that)
ANITH RAIHANA BINTI ZAHARI (810136)

Calon untuk Ijazah Sarjana (Candidate for the degree of) MASTER OF SCIENCE (MANAGEMENT)

telah mengemukakan kertas penyelidikan yang bertajuk (has presented his/her research paper of the following title)

#### FACTORS INFLUENCING SERVICE COMMITMENT OF SCHOOL TEACHERS

Seperti yang tercatat di muka surat tajuk dan kulit kertas penyelidikan (as it appears on the title page and front cover of the research paper)

Bahawa kertas penyelidikan tersebut boleh diterima dari segi bentuk serta kandungan dan meliputi bidang ilmu dengan memuaskan.

(that the research paper acceptable in the form and content and that a satisfactory knowledge of the field is covered by the research paper).

Nama Penyelia (Name of Supervisor) EN. MOHAMAD ZAINOL ABIDIN BIN ADAM

Tandatangan (Signature)

12 JUNE 2016

Tarikh (Date)

#### PERMISSION TO USE

In presenting this dissertation in partial fulfillment of the requirements for a Post Graduate degree from Universiti Utara Malaysia, I agree that the University Library may make it freely available for inspection. I further agree that permission for copying this dissertation in any manner, as a whole part of it, for academic purpose may be granted by supervisor or in his absence by the Dean of Othman Yeop Abdullah Graduate School of Business. It is understood that any copying, publication or other than academic use of this dissertation or parts of it is not allowed without the author permission. It is also understood that due recognition shall be given to the author and to Universiti Utara Malaysia for any academic use which may be the usage of any material from this dissertation.

Universiti Utara Malaysia

Request for permission to copy or to make other use of materials in this dissertation, in whole or in part, should be addresses to:

Dean of Othman Yeop Abdullah Graduate School of Business

College of Business

Universiti Utara Malaysia

06010 Sintok

Kedah Darul Aman

#### **ABSTRACT**

Service commitment among teachers has been an important issue due to the modernization of education. Predicting employees satisfaction, commitment and turnover is crucial because employees are the only source of sustainable competitive advantage to organisations. Teachers nowadays should be multi-tasking as well as being able to teach students in different ways. They must create a creative environment in order to attract students to participate in the class through various audio visual aids in the teaching process. This study therefore aims to determine the factors influencing service commitment among school teachers. Factors such as Job Satisfaction, Leadership, Reward, Working Environment, and Motivation are being investigated. Teachers from various high schools in Kubang Pasu District, Kedah were chosen as respondents of this study. A total number of 350 questionnaires were distributed to respondents using simple random sampling method. Only 315 questionnaires were returned and used for analysis. The result of correlation analysis showed that there is a significant relationship between all the independent variables (Job Satisfaction, Leadership, Reward, Working Environment, and Motivation) towards Service Commitment. On the other hand, the result of regression analysis indicates that there are only two independent variables that significantly influenced Service Commitment, which is Job Satisfaction and Reward. In conclusion, the finding of this study shows that teachers' commitment and engagement is one of the most critical factors in students success.

**Keywords**: Service Commitment, Job Satisfaction, Leadership, Reward, Working Environment, and Motivation

#### **ABSTRAK**

Komitmen dalam perkhidmatan dikalangan guru telah menjadi satu isu penting disebabkan pemodenan didalam bidang pendidikan. Meramal kepuasan pekerja, komitmen dan pulangan merupakan isu penting kerana pekerja merupakan satu-satunya sumber kepada organisasi untuk bersaing. Guru pada masa sekarang perlu mempunyai banyak kemahiran bagi membolehkan mereka mengajar didalam pelbagai aspek kepada pelajar. Mereka mesti mewujudkan satu persekitaran kreatif supaya dapat menarik pelajar menyertai kelas melalui tayangan audio visual didalam proses pembelajaran. Kajian ini bertujuan untuk menentukan faktor-faktor yang mempengaruhi komitmen dalam perkhidmatan di kalangan guru sekolah. Faktor-faktor seperti Komitmen Perkhidmatan, Kepuasan Kerja, Kepimpinan, Ganjaran, Persekitaran Kerja, dan Motivasi telah dikaji. Guru-guru dari pelbagai sekolah menengah di Daerah Kubang Pasu, Kedah telah dipilih sebagai responden bagi kajian ini. Sebanyak 350 borang soal selidik telah diagihkan kepada responden dengan menggunakan kaedah pensampelan rawak ringkas. Namun, hanya 315 borang soal selidik sahaja yang telah dipulangkan dan digunakan untuk tujuan analisis. Keputusan analisis korelasi telah menunjukkan bahawa terdapat satu hubungan yang signifikan di antara kesemua pembolehubah tidak bersandar (Kepuasan Kerja, Ganjaran, Persekitaran Kerja, dan Motivasi) dengan Komitmen Kepimpinan, Perkhidmatan. Manakala, keputusan analisis regresi pula telah menunjukkan bahawa terdapat dua pemboleh pembolehubah tidak bersandar yang berpengaruh terhadap Komitmen Perkhidmatan, iaitu Kepuasan Kerja dan Ganjaran. Sebagai kesimpulan, penemuan pada kajian ini telah menunjukkan bahawa komitmen perkhidmatan dikalangan guru-guru merupakam faktor yang penting didalam menjamin kejayaan pelajar.

**Kata Kunci**: Komitmen Perkhidmatan, Kepuasan Kerja, Kepimpinan, Ganjaran, Persekitaran Kerja, dan Motivasi

#### ACKNOWLEDGEMENTS

Bismillahirrahmanirrahim, Alhamdulillah, all praises to Allah, and blessings and peace to His Messenger. My gratitude to Allah the Almighty for giving me strength and blessing that enables me to complete this project paper. I would like to express my gratitude to all staff of the Universiti Utara Malaysia for giving me the opportunity to contribute in this research paper as well as for providing administrative and professional supports.

I would like to extend my gratefulness and appreciation to my supervisor, Tuan Hj. Mohamad Zainol Abidin Bin Adam for his guidance, encouragement, and advice which made me possible to complete my project paper. I am truly indebt for his contribution in term of time, patience, attentions and effort for the completion of this project paper.

I am grateful for the assistance of many people who made it possible for me to finish this research paper. Finally, my acknowledgement also goes to my family and friends, for their endless supports that contribute significantly in determining the completion of this research.

Thank you.

# TABLE OF CONTENT

CON	TENT	PAGE
PER	MISSION TO USE	ii
ABS	ГКАСТ	iii
ACK	NOWLEDGMENT	V
TAB	LE OF CONTENTS	vi
LIST	OF TABLES	xi
LIST	OF FIGURES	xiii
СНА	PTER ONE: INTRODUCTION	
1.0	Chapter Introduction	1
1.1	Background Of The Study	1
1.2	Problem Statement Universiti Utara Malaysia	6
1.3	Objectives Of The Study	11
	1.3.1 The Main Objective	11
	1.3.2 The Specific Objectives	11
1.4	Research Questions	12
1.5	The Variables Of The Study	13
1.6	Theoretical Framework	14
1.7	Hypotheses	16
1.8	Significant Of The Study	17
1.9	Chapter Conclusion	18

# CHAPTER TWO: LITERATURE REVIEW

2.0	Chapte	er Introduction	19
2.1	Service	e Commitment	19
	2.1.1	Commitment	20
	2.2.2	Attitudinal commitment	22
	2.2.3	Normative commitment	22
	2.24	Behavioural commitment	24
	2.25	Calculative commitment	24
	2.26	Affective commitment	25
	2.27	Continuance commitment	25
2.2	Leader	ship	26
	2.2.1	Transactional and Transformational Leadership	28
	2.2.2	Laissez-faire Leadership	29
2.3	Job Sat	tisfaction Universiti Utara Malaysia	30
2.4	Working Environment		31
2.5	Motiva	ntion	37
2.6	Reward	d	39
2.7	Chapte	er Conclusion	41

# **CHAPTER THREE: MEHODOLOGY**

3.0	Chapter Introduction	42
3.1	Research Design	42
3.2	Population And Sampling	43
	3.2.1 Sample Size	44
	3.2.2 Sampling Design	45
	3.2.3 Unit of Analysis	45
	3.2.4 Questionaire Design	46
3.3	Measurement Of Study	48
3.4	Data Collection Methods	50
3.5	Pilot Test	51
3.6	Data Analysis	51
	3.6.1 Reliability Test	52
	3.6.2 Normality Test	54
	3.6.3 Descriptive Statistics	54
	3.6.4 Independent Sample T-test	54
	3.6.5 One Way ANNOVA	55
	3.6.6 Pearson Correlation Analysis	55
	3.6.7 Multiple Regression Analysis	55
3.7	Chapter Conclusion	56

# **CHAPTER FOUR: FINDINGS**

4.0	Chapter Introduction	57
4.1	Normality Test Results	
4.2	Descriptive Statistics of Data	61
	4.2.1 Gender of Respondents	61
	4.2.2 Ethnic Group of Respondents	62
	4.2.3 Age of Respondents	62
	4.2.4 Religion of Respondents	63
	4.2.5 Level of Education of Respondents	64
	4.2.6 Monthly Income of Respondents	65
	4.2.7 Duration of service of Respondents	66
4.3	Mean and Standard Deviation of the Collected Data	67
	4.3.1 Leadership	68
	4.3.2 Job Satisfaction Universiti Utara Malaysia	69
	4.3.3 Service Commitment	70
	4.3.4 Reward	71
	4.3.5 Working Environment	72
	4.2.6 Motivation	73
4.4	Independent Samples T-Test	74
4.5	One Way Analysis of Variance	76
4.6	Correlation Analysis	83
4.7	Regression Analysis	89

	4.7.1 Regression Analysis on Coefficient of Determination (R2)	90
	4.7.2 ANOVA Test	91
	4.7.3 Regression Analysis of Coefficient	92
4.8	Chapter Conclusion	92

# CHAPTER FIVE: DICUSSION, RECOMMENDATIONS AND CONCLUSION

5.0	Chapter Introduction	93
5.1	Discussion	93
	5.1.1 Descriptive Statistic	94
	5.1.2 Independent Samples T-Test	95
	5.1.3 One Way Analysis Of Variance	95
	5.1.4 Correlation Analysis	97
	5.1.5 Regression Analysis	100
5.2	Limitation Of The Study	101
5.3	Recommendations	
5.4	Conclusion	104
Refer	rences	105
Appendixes		124

# LIST OF TABLES

TABLE		PAGE
Table 3.1:	Krejcie and Morgan Population Table	44
Table 3.2:	Summary of the Questionnaire	47
Table 3.3:	Measurement Scales	48
Table 3.4:	Source of Measurement Items	49
Table 3.5:	Internal Consistency Measurement	52
Table 3.6:	Reliability Test of Result	53
Table 4.1:	Gender of Respondents	61
Table 4.2:	Ethnic Group of Respondents	62
Table 4.3:	Age of Respondents	62
Table 4.4:	Religion of Respondents	63
Table 4.5:	Level of Education of Respondents	64
Table 4.6 :	Monthly Income of Respondents	65
Table 4.7:	Duration Service of Respondents	66
Table 4.8:	Mean and Standard Deviation of all Variables	67
Table 4.9:	Mean and Standard Deviation (Leadership)	68
Table 4.10:	Mean and Standard Deviation (Job Satisfaction)	69
Table 4.11:	Mean and Standard Deviation (Service Commitmen t)	70
Table 4.12:	Mean and Standard Deviation (Reward)	71
Table 4.13:	Mean and Standard Deviation (Working Environment)	72
Table 4.14:	Mean and Standard Deviation (Motivation)	73

Table 4.15:	Independent samples T-test between Gender and	75
	Service Commitment	
Table 4.16:	One way ANOVA between Age and Service Commitment	77
Table 4.17:	One way ANOVA between Ethnic Groups and	78
	Service Commitment	
Table 4.18:	One way ANOVA between Religion and Service	79
	Commitment	
Table 4.19:	One way ANOVA between Monthly Income and	80
	Service Commitment	
Table 4.20:	One way ANOVA between Duration of Service and	81
	Service Commitment	
Table 4.21:	One way ANOVA between Level of Education and	82
	Service Commitment	
Table 4.22:	Pearson Correlation Coefficient Scale	83
Table 4.23:	Correlation between Job Satisfaction and Service	84
IND	Commitment	
Table 4.24:	Correlation between Leadership and Service Commitment	85
Table 4.25:	Correlation between Reward and Service Commitment	86
Table 4.26:	Correlation between Working Environment and	87
	Service Commitment	
Table 4.27:	Correlation between Motivation and Service Commitment	88
Table 4.28:	Regression Analysis Model Summary	90
Table 4.29:	One way ANOVA	91
Table 4.30:	Regression Analysis of Coefficient	92

# LIST OF FIGURES

FIGURE		PAGE
Figure 1.1:	Theoretical Framework of the Research	15
Figure 4.1:	Normal Q-Q Plot Leadership	58
Figure 4.2:	Normal Q-Q Plot Job Satisfaction	58
Figure 4.3:	Normal Q-Q Plot Service commitment	59
Figure 4.4:	Normal Q-Q Plot Reward	59
Figure 4.5:	Normal Q-Q Plot Working Environment	60
Figure 4.6:	Normal Q-Q Plot Motivation	60
	Universiti Utara Malaysia	a

#### **CHAPTER 1**

#### INTRODUCTION

#### 1.0 CHAPTER INTRODUCTION

This study presents an overview of factors influencing service commitment among school teachers. These factors are leadership, working environment, reward, job specification, job satisfaction and motivation. This chapter contains nine parts which are classified as follows: (1) Background of the Study, (2) Problem Statement, (3) Research Objectives, (4) Research Questions, (5) The Variable of the Study, (6) Theoretical Framework, (7) Hypotheses, (8) Significance of the Study, and (9) Chapter Conclusion.

Universiti Utara Malaysia

#### 1.1 BACKGROUND OF THE STUDY

The recent globalization and liberalization of the education sector has inevitably helped to propel the transnational educational developments in Malaysia. Schools are constantly faced with multiple issues, such as challenges of how to improve student achievement and how to improve teacher's service commitment. Service commitment among teachers has been an important issue to study because of the modernization of education nowadays. In this sense, Cooper-Hakim and Viswesvaran, (2005) has pointed out that it is important for managers to predict employee satisfaction, commitment and turnover in order for an organization to succeed since employees are the main source of competitive advantage to organizations.

# The contents of the thesis is for internal user only

#### REFERENCES

- Allee, Verna. The knowledge evolution: Expanding organizational intelligence. Routledge, 1997.
- Allen, N. J., & Meyer, J. P. (1990). The measurement and antecedents of affective, continuance and normative commitment to the organization. *Journal of Occupational Psychology*, 63(1), 1-18.
- Awang, Z., Ahmad, J. H., & Zin, N. M. (2010). Modelling job satisfaction and work commitment among lecturers: A case of UiTM Kelantan. *Journal of Statistical Modeling and Analytics*, 1(2), 45-59.
- Ballou, D., & Podgursky, M. J. (1997). Teacher pay and teacher quality. WE Upjohn Institute.
- Bansal, H. S., Irving, P. G., & Taylor, S. F. (2004). A three-component model of customer to service providers. *Journal of the Academy of Marketing Science*, 32(3), 234-250.
- Barnett, K., McCormick, J., & Conners, R. (2001). Transformational leadership in schools-panacea, placebo or problem?. *Journal of Educational Administration*, *39*(1), 24-46.
- Bass, B. M. (1990). Transformational leadership development: Manual for the multifactor leadership questionnaire. Consulting Psychologists Press.
- Bass, B. M., & Avolio, B. J. (1994). Transformational leadership and organizational culture. *The International Journal of Public Administration*, 17(3-4), 541-554.
- Beck, L., & Murphy, J. (1993). Understanding the principalship: A metaphorical analysis from 1920-1990.
- Becker, H. S. (1960). Notes on the concept of commitment. *American Journal of Sociology*, 32-40.

- Bidwell, C. E. (1965). The school as a formal organization. *Handbook of organizations*, 972, 1019.
- Blegen, M. A. (1993). Nurses' job satisfaction: a meta-analysis of related variables. *Nursing research*, 42(1), 36-41.
- Boe, E. E., Bobbitt, S. A., Cook, L. H., Whitener, S. D., & Weber, A. L. (1997). Why didst thou go? Predictors of retention, transfer, and attrition of special and general education teachers from a national perspective. *The Journal of Special Education*, *30*(4), 390-411.
- Borjas, G. J. (1979). Job satisfaction, wages, and unions. *Journal of Human Resources*, 21-40.
- Bossert, S. T., Dwyer, D. C., Rowan, B., & Lee, G. V. (1982). The instructional management role of the principal. *Educational administration quarterly*, 18(3), 34-64.
- Bowen, J. T., & Shoemaker, S. (1998). Loyalty: A strategic commitment. *Cornell hotel and restaurant administration quarterly*, 39(1), 12-25.

- Boyan, N.J. (1982). Administration of educational institutions. In H.E. Mitzel (Ed.), Encyclopedia of Educational Research (5th ed.), 22-49.
- Brewer, D. J. (1996). Career paths and quit decisions: Evidence from teaching. *Journal of Labor Economics*, 313-339.
- Brunning, N.S. and R.A. Snyder (1983), "Sex and Position as Predictors of Organizational Commitment", The Academy of Management Journal, 26(3), 485-491
- Bryman, A., & Bell, E. (2015). *Business research methods (second ed.)*. Oxford University Press, USA.

- Buchanan, B. (1974). Building organizational commitment The socialization of managers in work organizations. *Administrative Science Quarterly*, 19 (4), 533-546.
- Buchanan, B. (1975). To walk an extra mile The whats, whens, and whys of organizational commitment. *Organizational Dynamics*, *3*(4), 67-80.
- Bums, J. M. (1978) Leadership. New York: Harper & Row.
- Bussing, A., Bissels, T., Fuchs, V., & Perrari, K. M. (1999). A dynamic model of work satisfaction: Qualitative approaches. *Human Relations*, 52(8), 999-1028.
- Burke, P. J., & Reitzes, D. C. (1991). An identity theory approach to commitment. *Social psychology quarterly*, 239-251.
- Celik, C. (2008). Relationship of organizational commitment and job satisfaction: A field study of tax office employees. Mersin University:Turkey.

- Chan, K. W. (2005). In-service teachers' perceptions of teaching as a career: Motives and commitment in teaching.
- Coladarci, T. (1992). Teachers' sense of efficacy and commitment to teaching. *The Journal of Experimental Education*, 60(4), 323-337.
- Cooper-Hakim, A., & Viswesvaran, C. (2005). The construct of work commitment: testing an integrative framework. *Psychological bulletin*, *131*(2), 241.
- Coopey, J., & Hartley, J. (1991). Reconsidering the case for organisational commitment. *Human Resource Management Journal*, 1(3), 18-32.

- Currall, S. C., Towler, A. J., Judge, T. A., & Kohn, L. (2005). Pay satisfaction and organizational outcomes. *Personnel psychology*, *58*(3), 613-640.
- Czubaj, C. A. (1996). Maintaining teacher motivation. *Education*, 116(3), 372.
- Darling-Hammond, L. (2000). How teacher education matters. *Journal of Teacher Education*, 51(3), 166-173.
- Day, C., Elliot, B., & Kington, A. (2005). Reform, standards and teacher identity: Challenges of sustaining commitment. *Teaching and teacher Education*, 21(5), 563-577.
- Denning, J. D. (2008). North Carolina Teaching Fellows' Perceptions of Working Conditions and Concomitant Effects on Job Satisfaction and Retention. ProQuest.
- Ebmeier, H. (2003). How Supervision Influences Teacher Efficacy and Commitment: An Investigation of a Path Model. *Journal of Curriculum and Supervision*, 18(2), 110-141.
- Eisenberg, E. M., Monge, P. R., & Farace, R. V. (1984). Coorientation on communication rules in managerial dyads. *Human Communication Research*, 11(2), 261-271.
- Fernandez, S. A. (2002). Leadership style and staff motivation a study of transformational Leadership and its impact on new york city public middle and intermediate schools.
- Festinger, L. (1957). A Theory of Cognitive Dissonance. Stanford University Press: Stanford, California.
- Fiorita, J. A., Bozeman, D. P., Young, A., & Meurs, J. A. (2007). Organization commitment, human resource practices, and organization characteristic. *Journal of Managerial Issues*, 19(2), 186-207.

- Finegan, J. E. (2000). The impact of person and organizational values on organizational commitment. *Journal of Occupational and Organizational Psychology*, 73(2), 149-169.
- Firestone, W. A., Fuhrman, S. H., & Kirst, M. W. (1991). State educational reform since 1983: Appraisal and the future. *Educational Policy*, *5*(3), 233-250.
- Fleishman, E., Harris, E. F., & Buret, R. D. (1955). Leadership and supervision in industry. Columbus: Ohio State University Press.
- Foster, R., & Young, J. (2004). Leadership: Current themes from the educational literature. *The CAP Journal* (12)3, 29-30.
- Fullerton, G. (2003). When does commitment lead to loyalty?. *Journal of Service Research*, 5(4), 333-344.
- Garbarino, E., & Johnson, M. S. (1999). The different roles of satisfaction, trust, and commitment in customer relationships. *the Journal of Marketing*, 70-87.
- Geijsel, F., Sleegers, P., Leithwood, K., & Jantzi, D. (2003). Transformational leadership effects on teachers' commitment and effort toward school reform. *Journal of Educational Administration*, 41(3), 228-256.
- George, J. M., Jones, G. R., & Sharbrough, W. C. (1996). *Understanding and managing organizational behavior*. Reading, MA: Addison-Wesley.
- George, J.M. and Jones, G.R. (1997), "Organizational spontaneity in context", Human Performance, Vol. 10 No. 1, pp. 153-70.
- Goddard, R. D. (2001). Collective efficacy: A neglected construct in the study of schools and student achievement. *Journal of Educational Psychology*, *93*(3), 467.

- Grossman, J. L. (2003). Culture of Compliance: The Final Triumph of Form over Substance in Sexual Harassment Law, The. *Harv. Women's LJ*, 26, 3.
- Gruneberg, M. M. (Ed.). (1976). Job satisfaction--A reader. Halsted Press.
- Gruen, T. W., Summers, J. O., & Acito, F. (2000). Relationship marketing activities, commitment, and membership behaviors in professional associations. *Journal of Marketing*, 64(3), 34-49.
- Guest, D. (1987). Human resource management and industrial relations. *Journal of Management Studies*. Vol. 24, pp. 503-521.
- Gundlach, G. T., Achrol, R. S., & Mentzer, J. T. (1995). The structure of commitment in exchange. *The Journal of Marketing*, 78-92.
- Hallinger, P. (1992). The evolving role of American principals: From managerial to instructional to transformational leaders. *Journal of Educational Administration*, 30(3).
- Hair, J., Money, A., Page, M. and Samouel, P. (2007). *Research Method for Business*. England: John Wiley & Sons.
- Hair, J. F., Anderson, R. E., Tatham, R. L. & Black, W. C. (1998) *Multivariate data analysis* (5th ed) Upper Saddle River: Prentice Hall.
- Hanushek, E. A., Kain, J. F., & Rivkin, S. G. (1999). *Do higher salaries buy better teachers?* (No. w7082). National bureau of economic research.
- Hartog, D. N., Muijen, J. J., & Koopman, P. L. (1997). Transactional versus transformational leadership: An analysis of the MLQ. *Journal of Occupational and Organizational Psychology*, 70(1), 19-34.

- Hays, J. M., & Hill, A. V. (2001). A preliminary investigation of the relationships between employee motivation/vision, service learning, and perceived service quality. *Journal of Operations Management*, 19(3), 335-349.
- Heneman III, H. G., & Schwab, D. P. (1985). Pay satisfaction: Its multidimensional nature and measurement. *International Journal of Psychology*, 20(2), 129-141.
- Hennig-Thurau, T., & Klee, A. (1997). The impact of customer satisfaction and relationship quality on customer retention: A critical reassessment and model development. *Psychology & Marketing*, *14*(8), 737-764.
- Herzberg, F., Mauser, B. and Snyderman, B. (1959). *The Motivation to Work*. New York: John Wiley
- Hirsch, E., Emerick, S., Church, K., & Fuller, E. (2007). *Teacher working conditions are student learning conditions:* A report on the 2006 North Carolina teaching working conditions survey.

- Hulin, C. L., & Smith, P. A. (1967). An empirical investigation of two implications of the two-factor theory of job satisfaction. *Journal of Applied Psychology*, 51(5p1), 396.
- Hong Lu, While, E., & Barriball, L. (2005). Job Satisfaction among nurses: a review of literature. *International Journal of Nursing Studies*, 42, 211-227.
- Hoy, W. K., & Woolfolk, A. E. (1993). Teachers' sense of efficacy and the organizational health of schools. *The Elementary School Journal*. 355-372.
- Huberman, M., Thompson, C. L., & Weiland, S. (1997). Perspectives on the teaching career. In *International Handbook of Teachers and Teaching* (pp. 11-77). Springer Netherlands.

- Hutchinson, G. E., & Johnson, B. (1994). Teaching as a Career: Examining high school students' perspectives. *Action in Teacher Education*, *15*(4), 61-67.
- Ingersoll, R. M. (2002). Out-of-field teaching, educational inequality, and the organization of schools: An exploratory analysis. Seattle, WA: Center for the Study of Teaching and Policy, University of Washington. *American Educational Research Journal*.
- Jamal, M. & Baba, V. V., (1991). Routinization of job context and job content as related to employees' quality of working life: A study of Canadian nurses. *Journal of Organizational Behavior*, 12(5), 379-386.
- Jaruzelski, B. and Mainardi, C. R. (2011). The World's 10 Most Innovative Companies, And How They Do It. *Forbes*. Retrieved on 20<sup>th</sup> April 2016 from http://www.forbes.com/2011/04/04/10-top-innovative-companies-apple-google-leadership-managing-how.html
- Joffres, C., & Haughey, M. (2001). Elementary teachers' commitment declines: Antecedents, processes, and outcomes. *The Qualitative Report*. 6(1), 1-22.
- Johnston, J., McKeown, E., & McEwen, A. (1999). Choosing primary teaching as a career: The perspectives of males and females in training. *Journal of education for teaching:* international research and pedagogy, 25(1), 55-64.
- Jones, T., Fox, G. L., Taylor, S. F., & Fabrigar, L. R. (2010). Service customers commitment and response. *Journal of Services Marketing*, 24(1), 16-28.
- Joshua-Amadi, M. (2002). Recruitment and retention a study in motivation: In the first of two articles, Mabel Joshua-Amadi looks at what is sometimes needed to stop staff leaving the NHS. *Nursing Management*, 9(8), 17-21.
- Kallerberg, K. (1977). A theory of job satisfaction. American Socioloical Review, 42, 124-143. Locke, EA (1976).
- Kanter, R. M. (1968). Commitment and social organization: A study of commitment mechanisms in utopian communities. *American Sociological Review*, 499-517.

- Kedah Education Department. (2016). *Statistic of Teachers Data*. Retrieved from http://jpnkedah.moe.gov.my/index.php/en/
- Kelley, S. W., Hoffman, K. D., & Davis, M. A. (1994). A typology of retail failures and recoveries. *Journal of Retailing*, 69(4), 429-452.
- Kim, K., & Frazier, G. L. (1997). On distributor commitment in industrial channels of distribution: a multicomponent approach. *Psychology & Marketing*, *14*(8), 847-877.
- King, M., Michael, A.M. and T. Atkinson (1982), "Background, Personality, Job Characteristics, And Satisfaction With Work in a National Sample", *Human Relation*, 35(2).
- Kirkpatick, S. A., & Locke, E. A. (1991). Leadership: Do traits matter?. *The Executive*, 5(2), 48-60.
- Knobloch, N., & Whittington, M. S. (2002). Novice teachers' perceptions of support, teacher preparation quality, and student teaching experience related to teacher efficacy. *Journal of Vocational Education Research*, 27(3), 331-341.
- Krejcie, R. V., & Morgan, D. W. (1970). Determining sample size for research activities. Educational and Psychological Measurement, 30, 607-610.

- Kudva, P. (1999). Relevance of a Knowledge Base for a Teacher as a Professional.
- Kuhlen, R. G. (1963). Needs, perceived need satisfaction opportunities and satisfaction with occupation. *Journal of Applied Psychology*, 47(1), 56.
- Kyriacou, C., & Coulthard, M. (2000). Undergraduates' views of teaching as a career choice. *Journal of Education for Teaching: International research and pedagogy*, 26(2), 117-126.

- Launderweerd, J., & Boumans, N. (1988). Work satisfaction and feelings of health and stress in three psychiatric deprtments. *International Journal of Nursing Studies*, 25(1), 225-234.
- Lunenberg, F. C., & Irby, B. J. (2006). *The principalship: Vision to action*. Belmont, CA: Wadsworth.
- Lee, R., & Wilbur, E. R. (1985). Age, education, job tenure, salary, job characteristics, and job satisfaction: A multivariate analysis. *Human Relations*, *38*(8), 781-791.
- Legge, K. (1995), Human Resource Management: Rhetorics and Realities, Basingstoke, Macmillan Press.
- Leithwood, K., Menzies, T., & Jantzi, D. (1994). Earning teachers' commitment to curriculum reform. *Peabody Journal of Education*, 69(4), 38-61.
- Leithwood, K. (1994). Leadership for school restructuring. *Educational administration* quarterly, 30(4), 498-518.
- Leithwood, K., & McAdie, P. (2007). Teacher working conditions that matter. *Education Canada*, 47(2), 42-45.
- Lincoln, J. R., & Kalleberg, A. L. (1990). Culture, control and commitment. A Study of Work Organization and Work Attitudes in the United States and Japan. *The Journal of Asian Studies*, 49(4), 937-938.
- Liu, B., Tang, N., & Zhu, X. (2008). Public service motivation and job satisfaction in China: An investigation of generalisability and instrumentality. *International Journal of Manpower*, 29(8), 684-699.
- Locke, E. A. (1976). The nature and causes of job satisfaction. *Handbook of Industrial and Organizational Psychology*, *1*, 1297-1343.

- Loeb, H., Elfers, A. M., Knapp, M. S., Plecki, M. L., & Boatright, B. (2004). Preparation and support for teaching: A survey of working conditions of teachers. Center for strengthening teaching profession. University of Washington: Center for the study of teaching and policy.
- Loeb, S., & Page, M. E. (2000). Examining the link between teacher wages and student outcomes: The importance of alternative labor market opportunities and non-pecuniary variation. *Review of Economics and Statistics*, 82(3), 393-408.
- Lu, H., While, A. E., & Barriball, K. L. (2005). Job satisfaction among nurses: a literature review. *International Journal of Nursing Studies*, 42(2), 211-227.
- Lunenburg, F. C., & Irby, B. J. (2011). Instructional Strategies to Facilitate Learning. *International Journal of Educational Leadership Preparation*, 6(4), n4.
- Luthans, F. (1992). Organization behavior (5th ed.). New York: McGraw-Hill.
- Luthans, F. (1998). Organizational Behavior, 8 Edition, McGraw-Hill/Irwin, Boston, p. 147

- Magazine, S. L., Williams, L. J., and M.L. Williams. (1996), "A confirmatory factor analysis examination of reverse coding effects in Meyer and Allen's Affective and Continuance Commitment Scales", *Educational and Psychological Measurment*, 56, 241–250.
- Manning, M., & Patterson, J. (2005). Unfulfilled promise: Ensuring quality teachers for our Nation's schools. *Childhood Education*, 81(4), 249-250.
- Maslow, A. H. (1954). *Motivation and personality*. New York: Harper.
- Meyer, J. P. & Allen, N. P. (1997) *Commitment in the workplace: Theory, research and application.* Thousand Oaks, CA: Sage Publications

- Meyer, J. P., Stanley, D. J., Herscovitch, L., & Topolnytsky, L. (2002). Affective, continuance, and normative commitment to the organization: A meta-analysis of antecedents, correlates, and consequences. *Journal of Vocational Behavior*, 61(1), 20-52.
- Ministry of Education. (2016). Statistic of Teachers Data. Retrieved from http://www.moe.gov.my/
- Mobley, W. H. (1977). Intermediate linkages in the relationship between job satisfaction and employee turnover. *Journal of Applied Psychology*, 62(2), 237.
- Moorhead, G. & Griffin, R.W. (1995). *Organizational Behavior*, 4th ed. Houghton Mifin, Boston
- Mont, D., & Rees, D. I. (1996). The influence of classroom characteristics on high school teacher turnover. *Economic Inquiry*, *34*(1), 152-167.
- Moorman, C., Zaltman, G., & Deshpande, R. (1992). Relationships between providers and users of market research: the dynamics of trust within and between organizations. *Journal of Marketing Research*, 29(3), 314.
- Morgan, R. M., & Hunt, S. D. (1994). The commitment-trust theory of relationship marketing. *The Journal of Marketing*, 20-38.
- Mowday, R. T., Porter, L. W., & Steers, R. (1982). Organizational linkages: The psychology of commitment, absenteeism, and turnover.
- Mowday, R. T., & Boulian, P. V. (1974). Organizational commitment, job satisfaction, and turnover among psychiatric technicians. *Journal of Applied Psychology*, *59*(5), 603.
- Myers, S.E. (2001) The principal as a key factor in teacher job satisfaction: Elementary teacher's perception.s of leadership behaviors and their affect on teacher job satisfaction.

- National Center for Education Statistics. (2004). *Teacher Attrition and Mobility: Results for The Teacher Follow-up Survey*, 2000-01. Washington, D.C.: NCES 2004-301, August 2004.
- Near, J.P., Smith, C.A., Rice R.W. and R.G. Hunt (1984), "A Comparison of Work and Nonwork Predictors of Life Satisfaction", *Academy of Management Journal*, 27(1), 184-191
- Neuman, L. W. (2007). Basic of social Research, Quantitative and Quantitative approaches, Publisher's design and Production Service, New York.
- Nias, J. (1981). 'Commitment' and Motivation in Primary School Teachers. *Educational Review*. 33(3). pp. 181-190.
- Nickson, L. M., & Kritsonis, W. A. (2006). A National Perspective: An Analysis of Factors That Influence Special Educators to Remain in the Field of Education. *Online Submission*, 1(1).
- Nir AE (2002) School-Based Management and its effect on teacher commitment, *International Journal of Leadership in Education* 5(4): 323–341.

- O'Driscoll, M. P., & Randall, D. M. (1999). Perceived organisational support, satisfaction with rewards, and employee job involvement and organisational commitment. *Applied Psychology*, 48(2), 197-209.
- Ok, C. (2004). The effectiveness of service recovery and its role in building long-term relationships with customers in a restaurant setting (Doctoral dissertation, Kansas State University).
- Oliver, N. (1990). Employee commitment and total quality control. *International Journal of Quality & Reliability Management*, 7(1).
- Oliver, R.L. (1997). Satisfaction: Behavioral Perspective on the Consumer. McGraw-Hill: New York, NY.

- O'Reilly, C. A., Chatman, J., & Caldwell, D. F. (1991). People and organizational culture: A profile comparison approach to assessing person-organization fit. *Academy of Management Journal*, *34*(3), 487-516.
- O'Reilly, C. A., & Chatman, J. (1986). Organizational commitment and psychological attachment: The effects of compliance, identification, and internalization on prosocial behavior. *Journal of Applied Psychology*, 71(3), 492.
- Owens, R.G. (1991), *Organizational Behavior in Education*, 4th ed., Prentice-Hall, Englewood Cliffs, NJ.
- Pallant, J. (2005). SPSS survival manual: A step by step guide to using SPSS for windows (version 12). New South Wales, Australia: Allen & Unwin.
- Park, Sungmin, Alan B. Henkin, and Robert Egley. "Teacher team commitment, teamwork and trust: Exploring associations." *Journal of Educational Administration* 43.5 (2005): 462-479.
- Porter, L., Steers, R., Mowday, R., & Boulian, P. (1974). Organizational commitment, job satisfaction, and turnover among psychiatric technicians. *Journal of Applied Psychology*, 59, 603-609.
- Pritchard, M. P., Havitz, M. E., & Howard, D. R. (1999). Analyzing the commitment-loyalty link in service contexts. *Journal of the Academy of Marketing Science*, 27(3), 333-348.
- Raghuram, S., & Wiesenfeld, B. (2004). Work-nonwork conflict and job stress among virtual workers. *Human Resource Management*, 43(2-3), 259.
- Rainey, H. G. (1997). *Understanding and Managing Public Organizations*. San Francisco, CA: Jossey-Bass
- Reichardt, R. (2001). Toward a Comprehensive Approach to Teacher Quality. Policy Brief.

- Reid, I., & Caudwell, J. (1997). Why did secondary PGCE students choose teaching as a career?. *Research in Education*, (58), 46.
- Reyes, P. (1990). *Teachers and Their Workplace: Commitment, Performance, and Productivity*. Sage Publications/Corwin Press, 2455 Teller Rd., Newbury Park, CA 91320.
- Rich, J.M. (1992), *Innovations in Education: Reformers and Their Critics*, 6th ed., Allyn and Bacon, Boston, MA.
- Rikard, G. L. (1999). Promoting teacher commitment in preservice teachers. *Journal of Physical Education, Recreation & Dance*, 70(9), 53-56.
- Robbins, P.S. (1986), Organizational Behavior: Concepts, Controversies, and Application, 3rd.ed. Englewood Cliffs, New Jersey: Prentice Hall, Inc.
- Robbins P.S. (1991), Organizational Behaviour: Concepts, Controversies and Aplications, New Jersey, Prentice Hall, p.172.
- Ross, J. A., & Gray, P. (2006). School leadership and student achievement: The mediating effects of teacher beliefs. *Canadian Journal of Education*, 798-822.
- Ryan, Schmit, & Johnson. (1996). Attitudes and Effectiveness: Examining Relationships at an organizational level. *Personnel Psychology*, 70 (1), 853-882.
- Saari, L. M., & Judge, T. A. (2004). Employee attitudes and job satisfaction. *Human Resource Management*, 43(4), 395-407.
- Salancik, G. R. (1977). Commitment and the control of organizational behavior and belief. New directions in organizational behavior, 1, 54.
- Sarwar, S., & Abugre, J. (2013). The influence of rewards and job satisfaction on employees in the service industry. *The Business & Management Review*, 3(2), 22.

- Schermerhorn Jr, J. R., Hunt, J. G., & Osborn, R. N. (1997). Conflict and negotiation. Organization Behavior, 377-398.
- Sekaran, U., & Bougie, R. (2010). Research Method for Business, A Skill Building Approach. John Wiley & Sons Inc.
- Shen, J. (1997). Teacher retention and attrition in public schools: Evidence from SASS 91. *Journal of Educational Research*. Vol. 91, 81-88.
- Shulman, L. (1987). Knowledge and teaching: Foundations of the new reform. *Harvard Educational Review*, *57*(1), 1-23
- Singh K and Billingsley BS (1998) Professional support and its effects on teachers' commitment. Journal of Educational Research 91(4): 229–239.
- Smyth, R. (2004). Exploring the usefulness of a conceptual framework as a research tool: a researcher's reflections. *Issues in Educational Research*, 14(2), 167.
- Snape, E., & Redman, T. (2003). An evaluation of a three-component model of occupational commitment: dimensionality and consequences among United Kingdom human resource management specialists. *Journal of Applied Psychology*, 88(1), 152.
- Spector, P. E. (1997). *Job satisfaction: Application, assessment, causes, and consequences* (Vol. 3). Sage publications.
- Staw, B. M., & Salancik, G. R. (1977). New directions in organizational behavior. St Clair.
- Steen, L. (1988). The science of patterns. *Science*, 240, 611-616.
- Steers, R. M. (1977). Antecedents and outcomes of organizational commitment. *Administrative Science Quarterly*, 46-56.

- Steinhaus, C. S., & Perry, J. L. (1996). Organizational commitment: Does sector matter?. *Public Productivity & Management Review*, 278-288.
- Stewart, J. (2006). Transformational Leadership: An Evolving Concept Examined through the Works of Burns, Bass, Avolio, and Leithwood. *Canadian Journal of Educational Administration and Policy*, 54, 1-29.
- Sutermeister, R. A. (1969). *People and productivity*. (2<sup>nd</sup> ed.). New York:McGraw-Hill.
- Sweeney, J. (1982). Research Synthesis on Effective School Leadership. *Educational Leadership*, *39*(5), 346-52.
- Tax, S. S., Brown, S. W., & Chandrashekaran, M. (1998). Customer evaluations of service complaint experiences: implications for relationship marketing. *The Journal of Marketing*, 60-76.
- Theobald, N. D., & Gritz, R. M. (1996). The effects of school district spending priorities on the exit paths of beginning teachers leaving the district. *Economics of Education Review*, 15(1), 11-22.

- Tierney, P., Farmer, S. M., & Graen, G. B. (1999). An examination of leadership and employee creativity: The relevance of traits and relationships. *Personnel psychology*, *52*(3), 591-620.
- Timonthy, A., Carl, J., Joyce, E., & Patton, G. (2001). The Job Satisfaction Job Performance Relationship: A Qualitative and Quantitative Review. *American Psychological Association*, 127 (3), 376-407.
- Top 14 Best high schools in Malaysia. (2015, March 14). *Funny Malaysia*. Retrieved on 20<sup>th</sup> April 2016 from http://www.funnymalaysia.net/top-14-best-high-schools-in-malaysia/
- Thompson, D., & McNamara, J. (1997). Job satisfaction in educational organizations: A synthesis of research findings. *Educational Administration Quarterly*. 33 (1). p.1-31.

- Tsui, K. T., & Cheng, Y. C. (1999). School organizational health and teacher commitment: A contingency study with multi-level analysis. *Educational Research and Evaluation*, *5*(3), 249-268.
- Vaydanoff, P. (1980). Perceived Job Characteristics and Job Satisfaction among Men and Women. *Psychology of Women Quarterly*, 5(2), 177-185.
- Verhoef, P. C., Franses, P. H., & Hoekstra, J. C. (2002). The effect of relational constructs on customer referrals and number of services purchased from a multiservice provider: does age of relationship matter?. *Journal of the Academy of Marketing Science*, 30(3), 202-216.
- Visser, Jelle. (1990). "Continuity and Change in Dutch Industrial Relations." Pp. 199-242 in *European Industrial Relations*
- Wenger, Etienne. (1998) "Communities of practice: Learning as a social system." *Systems Thinker* 9.5, 2-3.
- Wetzels, M., De Ruyter, K., & Van Birgelen, M. (1998). Marketing service relationships: the role of commitment. *Journal of Business & Industrial Marketing*, 13(4/5), 406-423.
- Weick, K. E. (1976). Educational organizations as loosely coupled systems. *Administrative Science Quarterly*, 1-19.
- Wiener, Y., & Vardi, Y. (1980). Relationships between job, organization, and career commitments and work outcomes. An integrative approach. *Organizational Behavior and Human Performance*, 26(1), 81-96.
- Wiener, Y. (1982). Commitment in organizations: A normative view. *Academy of management review*, 7(3), 418-428.
- Williams, J. C. (1978). Human Behavior in Organizations. South-Western Pub. Co..
- Worf, M. (1970). Needs gratification theory: a theortical reformulation of job satisfaction/dissatisafaction and job motivation. *Journal of Applied Psychology*, *54* (1), 87-94.

Wright, R. (2004). A short history of progress. Toronto, ON: House of Anansi Press.

Yammarino, F. J., & Bass, B. M. (1990). Transformational leadership and multiple levels of analysis. *Human Relations*, 43(10), 975-995.

Yong, B. C. S. (1995). Teacher trainees' motives for entering into a teaching career in Brunei Darussalam. *Teaching and Teacher Education*, 11(3), 275-280.

Zikmund, W. G. (2003) Business research methods 7th ed., Thomson/South-Western.

Zikmund, W. G., Babin, B. J., Carr, J. C. & Griffin, M. (2010) *Business research methods*. (8th Edn) South-Western, Cengage Learning

