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.



## THE INFLUENCE OF TRAINING, JOB SECURITY, CAREER DEVELOPMENT OPPORTUNITIES AND PERFORMANCE APPRAISAL ON TURNOVER INTENTION AMONG HOSPITAL EMPLOYEES IN KUALA LUMPUR



MASTER OF HUMAN RESOURCE MANAGEMENT UNIVERSITI UTARA MALAYSIA DECEMBER 2016

## THE INFLUENCE OF TRAINING, JOB SECURITY, CAREER DEVELOPMENT OPPORTUNITIES AND PERFORMANCE APPRAISAL ON TURNOVER INTENTION AMONG HOSPITAL EMPLOYEES IN KUALA LUMPUR



Thesis submitted to Othman Yeop Abdullah Graduate School of Business, Universiti Utara Malaysia, In Fulfillment of the Requirement for the Degree of Master of Human Resource Management



Othman Yeop Abdullah Graduate School of Business

### Universiti Utara Malaysia

PERAKUAN KERJA KERTAS PROJEK (Certification of Project Paper)

Saya, mengaku bertandatangan, memperakukan bahawa (*I, the undersigned, certified that*) DHAYITSHAINI D/O DURIA RAJOO (816340)

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

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

\*

#### THE INFLUENCE OF TRAINING, JOB SECURITY, CAREER DEVELOPMENT OPPORTUNITIES AND PERFORMANCE APPRAISAL ON TURNOVER INTENTION AMONG HOSPITAL EMPLOYEES IN KUALA LUMPUR'

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

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

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

Nama Penyelia (Name of Supervisor)

#### **DR. JASMANI MOHD YUNUS**

Tandatangan (Signature)

Tarikh (Date)

04 DISEMBER 2016

#### **PERMISSION TO USE**

In presenting this dissertation/project paper in fulfilment of the requirements for a Post Graduate degree from the Universiti Utara Malaysia (UUM), I agree that the Library of this university may take it freely available for inspection. I further agree that permission for copying this dissertation/project paper in any manner, in whole or in part, for scholarly purposes may be granted by my supervisor(s) or in their absence, by the Dean of Othman Yeop Abdullah Graduate School of Business where I did my dissertation/project paper. It is understood that any copying or publication or use of this dissertation/project paper parts of it for financial gain shall not be allowed without my written permission. It is also understood that due recognition shall be given to me and to the UUM in any scholarly use which may be made of any material in my dissertation/project paper.

Request for permission to copy or to make other use of materials in this dissertation/project paper in whole or in part should be addressed to:

Dean of Othman Yeop Abdullah Graduate School of Business Universiti Utara Malaysia 06010 UUM Sintok Kedah Darul Aman

#### ABSTRACT

Employee turnover has gained considerable attention from various industries in Malaysia. The main objective of this study is to explore potential influence of training, job security, career development opportunities and performance appraisal towards turnover intention among hospital employees in Kuala Lumpur. By identifying significant influences of training, job security, career development opportunities and performance appraisal on hospital employees turnover intention, it will help to create awareness to hospital on the importance of those practices in building human capital. There are 274 hospital employees from five respective hospitals in Kuala Lumpur were selected as samples. The data were collected using five-point Likert Scale's self-administered questionnaires. There are two types of data techniques adapted for this research which is descriptive and inferential analysis techniques. Descriptive analysis technique is used to identify the background of respondents in the aspect of age, gender, marital status, years of experience, and qualification. However inferential analysis is used to determine the significant relationship between training, job security, career development opportunities, performance appraisal and turnover intention among hospital employees in Kuala Lumpur. The result of this study shows that there is a strong correlation between training and turnover intention. The results also revealed that there is a weak correlation between performance appraisal, career development opportunities, job security and turnover intention. This study help to identify factors contributing towards hospital employees turnover intention in Kuala Lumpur and recognise few recommendation to reduce turnover intention.

**Keywords**: Training, Job Security, Performance Appraisal, Career Development Opportunities & Turnover Intention

#### ABSTRAK

Niat perolehan kerja telah mendapat perhatian dari pelbagai industri di Malaysia. Objektif utama kajian ini adalah untuk meneroka pengaruh latihan, jaminan pekerjaan, peluang pembangunan kerjaya dan penilaian prestasi terhadap niat perolehan kerja di kalangan kakitangan hospital di Kuala Lumpur. Dengan mengenal pasti pengaruh tersebut, ia dapat membantu untuk mewujudkan kesedaran kepada pihak hospital mengenai kepentingan pembinaan modal insan. Terdapat 274 kakitangan hospital telah dipilih sebagai sampel kajian dari lima buah hospital di Kuala Lumpur. Data telah dikumpul dengan menggunakan borang kaji selidik. Antara kaedah analisis yang telah digunakan adalah teknik analisis diskriptif dan inferensi. Teknik analisis diskriptif telah digunakan untuk megenal pasti latar belakang responden dari segi umur, jantina, status perkahwinan, pengalaman bekerja dan kelayakan akademik. Manakala teknik analisis inferensi digunakan untuk mengkaji hubungan antara latihan, jaminan pekerjaan, peluang pembangunan kerjaya dan penilaian prestasi terhadap niat perolehan kerja di kalangan kakitangan hospital di Kuala Lumpur. Hasil kajian menunjukan terdapat satu kolerasi yang kuat antara latihan dan niat perolehan kerja. Selain dari itu, terdapat korelasi yang lemah antara penilaian prestasi, peluang pembangunan kerjaya, jaminan pekerjaan dan niat perolehan kerja. Kajian ini dapat membantu untuk mengenal pasti faktor-faktor yang menyumbang kepada niat perolehan kerja dikalangan kakitangan hospital di Kuala Lumpur serta beberapa cadangan bagi mengurangkan niat perolehan kerja.

**Kata Kunci**: Latihan, Jaminan Pekerjaan, Peluang Pembangunan Kerjaya, Penilaian Prestasi & Niat Perolehan Kerja

#### ACKNOWLEDGEMENTS

I would like to extend my sincere appreciation to my supervisor Dr.Jasmani Binti Mohd Yunus who has assisted me in preparing this research project. I highly appreciate her diligent efforts to provide useful guidance to lead me on my journey in my studies. I also like to express my gratitude to my parents, family members and close friends for their continuous support, assistance and encouragement throughout this research project.

Besides that, I like to show my appreciation to the University Utara Malaysia (UUM) for giving me an opportunity by providing Master Degree courses which allow me to be more knowledgeable, independent and rational in facing future challenges in life.

Not forgetting, a special thanks to all my respondents for participating in the research by answering my questionnaires. I would like to sum up that this research project will not be successful without the guidance and support from everyone mentioned above.

Thank You.

Universiti Utara Malaysia

## TABLE OF CONTENTS

Title Page	i
Permission to Use	ii
Abstract	iii
Abstrak	iv
Acknowledgement	v
Table of Contents	vi
List of Tables	vii
List of Figures	viii
List of Appendices	ix

## **CHAPTER 1: INTRODUCTION**

1.1 Background of the study	1
1.2 Healthcare Industry in Malaysia	5
1.3 Problem Statement	7
1.4 Research Questions	8
1.5 Research Objectives	9
1.6 Significance of the study	10
1.7 Scope of the study	11
1.8 Limitation of the study	11
1.9 Organization of the study	12

## **CHAPTER 2: LITERATURE REVIEW**

2.1 Introduction	14
2.2 Employee Turnover Intention	14
2.2.1 Voluntary Turnover	15
2.2.2 Functional Turnover	16
2.2.3 Dysfunctional Turnover	17
2.2.4 Involuntary Turnover	17
2.3 Empirical Studies on Turnover Intention	18
2.4 Theory & Model on Turnover Intention	19
2.4.1 Human Capital Theory	19

2.4.2 Mobley's Model	21
2.5 Training	23
2.5.1 Training & Turnover Intention	23
2.6 Job Security	25
2.6.1 Job Security & Turnover Intention	25
2.7 Career Development Opportunities	27
2.7.1 Career Development Opportunities & Turnover Intention	27
2.8 Performance Appraisal	29
2.8.1 Performance Appraisal & Turnover Intention	29
2.9 Chapter Summary	30

## **CHAPTER 3: RESEARCH METHODOLOGY**

3.1 Introduction	31
3.2 Research Framework	31
3.3 Research Hypothesis	32
3.4 Research Design	35
3.5 Operational Definition	36
3.6 Research Instrument	37
3.7 Population & Sample	41
3.8 Reliability Test	42
3.9 Validity Test	43
3.10 Normality Test	49
3.11 Pilot Test	50
3.12 Descriptive Statistics	51
3.13 Pearson's Correlation Analysis	51
3.14 Multiple Regression Analysis	52
3.15 Chapter Summary	52

# **CHAPTER 4: RESULTS & DISCUSSION**

4.1 Introduction	53
4.2 Descriptive Analysis	53
4.2.1 Descriptive Analysis of Dependent Variable	56
4.2.2 Descriptive Analysis of Independent Variable	58

4.3 Correlation Analysis	62
4.4 Regression Analysis	64
4.4.1 Hypothesis Testing	66
4.5 Chapter Summary	69

# **CHAPTER 5: CONCLUSION & RECOMMENDATION**

5.1 Introduction	70
5.2 Discussion	70
5.3 Assessment of the Research Objectives	71
5.4 Theoretical & Practical Implication	74
5.5 Recommendation for Future Research	75
5.6 Conclusion	80
References	81





## LIST OF TABLES

Table 1.1: Hospitals & Number of Beds in Malaysia	6
Table 3.1: Summary of Questionnaire's Items (HRMP Scale)	39
Table 3.2: Turnover Intention Scale	41
Table 3.3 Numbers of Working Staff in Five Respective Hospitals	41
Table 3.4 Rotated factor Matric for Training	44
Table 3.5 Rotated factor Matric for Job Security	45
Table 3.6 Rotated factor Matric for Performance Appraisal	46
Table 3.7 Rotated factor Matric for Career Development Opportunities	47
Table 3.8 Rotated factor Matric for Turnover Intention	48
Table 3.9 Skewness & Kurtosis result for every variable	49
Table 3.10 Internal Consistency for Cronbach's Alpha	50
Table 3.11 Cronbach's Alfa Coefficient Result	50
Table 4.1 Demographic Profile of Respondents	54
Table 4.2 Descriptive Analysis of Turnover Intention.	57
Table 4.3 Descriptive Analysis of Training	58
Table 4.4 Descriptive Analysis of Job Security	59
Table 4.5 Descriptive Analysis of Career Development Opportunities	60
Table 4.6 Descriptive Analysis of Performance Appraisal	61
Table 4.7 Correlation between Variables	62
Table 4.8 Summary of Regression Analysis	64

## LIST OF FIGURES

Figure 1: Framework of Staff Turnover	15
Figure 2: Human Capital Theory	20
Figure 3: Sequential Turnover Model	22
Figure 4: Research Framework	32

# LIST OF APPENDICES

Appendix A: Questionnaire Set	93
Appendix B: Descriptive Analysis	97
Appendix C: Pearson Correlation Analysis	102
Appendix D: Reliability Test	103
Appendix E: Regression Analysis	107
Appendix F: Normality Test	108
Appendix G: Factor Analysis	114





# CHAPTER 1 INTRODUCTION

#### 1.1 Background of the Study

The attention of both researchers and practitioners have attracted for decades due to the organizational problem such as turnover which worries employers as well. According to Choi, Perumal & Ajagbe (2012), competitive industry and low employment rates are the top two factors that are worsening in Malaysian organization lately and are proofed to contribute the link in the trend of job-hopping among Malaysian. In other words, "turnover" whereby this statement is strongly proven by Towers Watson (2013) which stated that the percentage of turnover rates has increased from 12.3 % in 2012 to 13.2 % in 2013 which designating that employee turnover will continue to be an issue to employers. The reasons behind this phenomenon should be empirically investigated. Therefore, the employee turnover should not be neglected by employers since it's continuously arise.

#### Universiti Utara Malaysia

Lucas et.al., (2012), includes that turnover can cause problems in organizations as the cost burdened to replace each of one lost executives which could reach up to 213% of the executive's salary. Boushey & Glynn (2012), adding that turnover can considered as costly because it incurs training, separation and recruitment cost whereby indirectly could contribute to losses in term of productivity, quality, clients and at the same time it will reduced remaining employees morale. On the other hand, there will be additional work for the remaining employees as well. That is the reason why organizations should make an effort to reduce turnover.

Ahmad et.al., (2011)) stress on the point that an important area of the HR advancement that should be analysed thoroughly is the turnover of employees as it will cause unfavourable effects on organization. Meanwhile, Hogan & Barton (2001), has highlighted

# The contents of the thesis is for internal user only

#### REFERENCES

- Abassi & Hollman, (2000). Turnover: "The real bottom line", Public Personnel Management, 2 (3): 333-342.
- Abdullah, (2011). Employee's Turnover Intentions and Job Destination Choices. Journal of Organizational Behaviour, 23(1), 109-125.

Adam & William, (2001). Profiles in quitting: Integrating process and content turnover theory. Academy of Management Journal, 47, 566–582.

- Adebayo & Lucky, (2012). A field study of job insecurity during a financial crisis. Group & Organization Management, 26 (4), pp. 463-483.
- Agarwal, (2003). An investigation of factors influencing job satisfaction of employees in healthcare sector of India. Journal of Research in Organizational Behavior and Human Resource Management, Vol. 1, No. 3, 2013, pp. 107-115.
- Ahmad, Uli, Jegak, Idris & Mustapha, (2011). The relationship between training and organizational commitment: A study in the health care field. Human Resource Development Quarterly, 12(4): 335-352.
- Ahmad & Bakar, (2003). The relationship among organizational context, pay dispersion and managerial turnover. Academy of Management Journal, 45, 33–42.
- Aksu & Yildiz (2011). Training them young is the way to up the skills base. Sunday/Business Times, 29 June, p. 26.

Universiti Utara Malavsia

- Allen, Bryant & Vardaman (2010) Training and turnover in the evolution of an organization. Organization Science, 8(1): 84-96.
- Allen, Shore & Griffeth (2003). "Staff turnover: Retention". International Journal. Hospital Management. 14 (3): 106-110.
- Ashar, Ghafoor, Munir & Hafeez, (2013). Job Satisfaction and Turnover Intention Relationship: The Moderating Effect of Job Role Centrality and Life Satisfaction. Research and Practice in Human Resource Management, 17(1), 24-35.
- Babu & Reddy, (2013). Human Resource Management and Turnover Intentions in the Jordanian Hotel Sector. Research and Practice in Human Resource Management, 18(1), 46-59.
- Ballinger & Shaw (2011). The impact of human resources practices on IT personnel commitment, citizenship behaviors, and turnover intentions, in Proc. The Twenty First International Conference on Information Systems, 2000, pp. 461-466.

Bartley & Ferrie, (2001). Job insecurity and health: The moderating role of workplace control. Stress Medicine, 12, pp. 253-259.

Barrick & Zimmerman, (2005). The Role of Alternatives in Process Models of Withdrawal. Proceedings of the 26th Annual Conference of the Midwestern, Academy of Management, 18-29.

Berntson, R. B. Johnson, D.M. Christen, A. Moore & Christensen, (2010). The moderating role of employability in the association between job insecurity and exit, voice, loyalty and neglect. Economic and Industrial Democracy, 31, pp. 215-230.

- Blakely & Bumphus, (2004). Extending the Chain of Relationships among Organizational Justice, Social Exchange, and Employee Reactions: The Role of Contract Violations. Academy of Management Journal, 48(1), 146-157.
- Borneo Post Online (2011). How can managers reduce employee intention to quit? Journal of Management. Psychol. 19 (2): 170-187.
- Boushey & Glynn, (2012). Human Resources Management Theory and Practice, 3rd edition, New York, Palgrave Macmillan.
- Boswell, (2004). Top 10 reasons why employees quit their job. Journal of Management, Vol. 5 Iss: 1, pp.21 39.
- Boice & Kleiner (2009), Performance appraisal: An obstacle to training and development? Journal of European Industrial Training, 24 (7), 384-91.
- Boxall & Purcell, (2003). How can managers reduce employee intention to quit?, J. Manage. Psychol. 19 (2): 170-187.
- Bratton & Gold, (2003). "An examination of the independent and joint contribution of organizational commitment and job satisfaction on employee intention to quit", Group Org. Studies, 6: 73-82.
- Brozova, J. L. Szalma, M. Lazarova, Paul & Stafford, S. (2003). Workforce Experience and Retention in Nursing in Australia, Australian Bulletin of Labour, June 2004, Vol.30, No.2, 74-100.

Briscoe, (2006). The relationship between career decision status and important work outcomes. Journal of Vocational Behavior, 71, 233–246.

Busin, (2002). The Impact of Training on Labour Mobility: Individual and Firm level Evidence from Britain. British Journal of industrial Relations, Vol. 38 No. 2, pp. 261-275.

Byars & Rue (2006). Human Resource Management, 8th edition. Boston, Irvine.

- Carmeli & Weisberg, (2006). "Nursing turnover and hospital efficiency: an organizationlevel analysis", Industrial Relations, 33 (4): 505-520.
- Cascio, (2006). "From Engagement to Passion For Work: The Search For The Missing Person". Human Resource Planning, 29(3), 25-26.

- Choi, Perumal, & Ajagbe, (2012). The impact of human resource management practices on employees' turnover intention: A conceptual model. Interdisciplinary Journal of Contemporary Research in Business, 4, 629-641.Cascio (2006) "Human Resource Management, corporate performance and employee wellbeing", J. Ind. Rel. 44(3): 335- 58.
- Chang & Chen, (2002). Career information, career counselling, and career development. (7th Ed.). Needham Heights, MA: Allyn & Bacon.
- Cheng & Hellgreen, (2003). Determinants of Employee Turnover Intentions: A Review. Management Today, 9(2), 01-13.
- Chiu & Francesco (2003), The interactive relationship of competitive climate and trait competitiveness with workplace attitudes, stress, and performance. Journal of Organizational Behavior, 29, 899-922.
- Cohen, S.Gottlieb, B. Elwyn, S.R. Siegal & L. Underwood, (2000). Social relationships and health : Measuring and intervening in social support (pp. 3–25). New York: Oxford University Press.
- Crede, M. Iyer, G. Bijarge, Elizabeth & D. Soberman, (2003). Human Resources Practices as Predictors of Work-family Outcomes and Employee Turnover. Industrial Relations, 42(2), 189- 220.
- Dess & Shaw (2001). Lack of performance: The top reasons for terminating healthcare employees. Journal of Management, 32(3).

De Witte, (2005). Objective vs subjective job insecurity: Consequences of temporary work for job satisfaction and organizational commitment in four European Countries. Economic and Industrial Democracy 24(2), 149-188.

- Echard and Berge, (2008). Strategic HR configurations and organizational performance. Human Resource Management, 39(1), 5-16.
- Egan, Yang, & Bartlett, (2004). The effects of organizational learning culture and job satisfaction on motivation to transfer learning and turnover intention. Human resource development quarterly, 15(3), 279-301.
- Erdogan, (2002). Antecedents and consequences of justice perceptions in performance appraisals. Human Resource Management Review, 12 (4), 555-578.
- Evan, (1978). Why incentive plans cannot work. Harvard Business Review, 71, 54-63.

Fioroto, (2010), Occupational stress, job satisfaction and health state in male and female junior hospital doctors in Greece. Journal of Managerial Psychology, 18(6), 592-621.

Frazis, F. Saboor, L. Cooper, R. H. Field & C. J. Holahan, (1998). Healthy Work: stress, productivity, and the reconstruction of working life. New York: Basic Books. 89-103. Gall, Gall & Borg, (2003). Effects of high involvement work systems on employee satisfaction and services costs in Veterans Healthcare. Journal of Healthcare Management, 48(6), 1-14.

- Ganster & Cathro, (2005). Job control and coworker support improve employee job performance. Industrial health, 48(6), 845-851.
- Gerhart & Milkovich, (1990). The Global Shortage of Registered Nurses: An Overview of Issues and Actions. International Council of Nurses (ICN), 3, ISBN: 92-95040-12-01.
- Getnet, Jebena & Tsegaye, (2014). Employee's overall perception of HRM effectiveness. Human Relations, 58 (4), 523-544.
- Glissmeyer, Bishop & Fass, (2008). "Job search modes and Turnover" Career development international. (5): 442-446.
- Glance, N. S. Hogg & B. A. Huberman, (1997). Training and Turnover in the Evolution of Organizations. Organization Science, 8, 84-96.
- Griffeth & Hom (2001). Turnover and job performance: an integrated process model. Academy of Management Review, 9, 74-83.
- G.R. Oldham, (1986). Job insecurity: Toward a conceptual clarity. Academy of Management Review, 9, 438–448.
- Grace & Khalsa, (2003). Training and Development and the Psychological Contract. Training Journal, April 8–10.
- Greenhalgh & Rsenblatt, (1984). Is job insecurity harmful to health? Journal Royal Society Medicine 94, 71-76.
- Griffeth, R. W.Gottlieb, Johnson, J. T. David, & M. Griffin, (2000). Factors discriminating functional and dysfunctional salesforce turnover. Journal of Business & Industrial Marketing, 15 (6), 399 – 415.
- Guthrie, (2001). Antecedents and consequences of employee engagement. Journal of Managerial Psychology, 21(7), 600-619.
- Hao & Yusoff (2013). "Turnover and what to do about it", The Cornell HRA Quarterly. 33 (1):40-45.
- Hair, Ricardo, M. Szabolcs, B. Hartel & J. Carmen, (2010). Primer on partial least squares structural equation modeling (PLS-SEM). Thousand Oaks, CA: Sage Publication.
- Hancock & Heavey, (2013) Explaining Employee Turnover in An Asian Context. Human Resource Management Journal, Vol.11,No.1. 54-74.
- Heavey, Money, A. Horey, G. Beecroft & Samouel, (2013). Does training matter? Employee experiences and attitudes. Human Resource Management Journal, 6(3): 7-21.

Helliriegal, D.Raphael, Soberman, A. Peter & T. Bryant, (2001). Turnover and Job Training in Developing and Developed Countries: Evidence from Colombia and the United States.

- Helmi, (2006). The measurement and conceptualization of career stages. Journal of Career Development, 17, 153–166.
- Heras, (2006). The impact of training on labour mobility: Individual and firm-level evidence from Britain. British Journal of Industrial Relations, 38(2): 261-275.
- Hellgren, (2003). No security: A review and meta-analysis of job insecurity and its consequences. Journal of Occupational Health Psychology 7, 242–264.
- Hess, S. Pichler, Bodner, T. Kinman & L. Hammer, (2012). Job Involvement as Predictor of Employee Commitment: International Journal of Business and Management Vol. 6, No. 4, April 2011.
- Healey, (2005). High-performance work practices, work social support and their effects on job embeddedness and turnover intentions, International Journal Contemporary Hospitality Management Vol. 25 No. 6, 2013 pp. 903-921.
- Heywood, M. Marmot, Campbell, R.B. Dunham & R. Wilkinson, (2005). Job Turnover Intentions among pharmacy faculty. American Journal of Pharmaceutical Education, 71(4), 1-9.
- Hogan & Barton, (2001). Human resource management and performance in health care organizations, Journal of Health Organization and Management, 21(4/5).

Holtom, J. Maxharn, G. Balogun, Wenten, & J. McKee, (2008). Managing Human Resources, A partnership Perspective Southern-Westhern College Publishing, London.

- Hom & Griffeth, (1991). The validity of Mobley's 1977 model of employee Organizational Behaviour & Employee Performance, 34, 141-174.
- Huselid, (1995). Career and employer change in the age of the boundary. Career Journal of Vocational Behavior, 81, 280–288.
- James, (2012). Effects of performance appraisal politics on job satisfaction and turnover intention, Personnel Review, 33(3) 322 334.
- Jaros, (1997). The predictors turnover intention at work place: An empirical study. African Journal of Business Management, 6(46), 11504-11510.
- Jackson & Schuler, (2003). Effects of procedural and distributive justice on reactions to pay raise decisions. Academy of Management journal, 32(1), 115-130.
- Jennings, S. M. Murphy, R. Mead, K. Frame & William, (1985). Does competition enhance of inhibit motor performance: A meta-analysis. Psychological Bulletin, 125, 133–154.
- Johns, (2010). "Predictors of nurses intent to stay at work in a university health centre," Nursing and Health Sciences, vol. 6, pp. 59-68, 2004.

- Jones, (2004). American Society for Training and Development: ATSD State of the Industry Report, Executive Summary 11(7):42-54.
- Kaynak, (2003). Eight motivational forces & voluntary turnover: A theoretical synthesis with implications for research. J. Manage. 30(5): 667-683.
- Khatri, (2008). Explaining Employee Turnover in an Asian Context. Human Resource Management Journal, Vol.11,No.1. 54-74.
- Khan, Yusoff & Khan, (2014). Job Performance-Evidence from Pakistan and Job Performance-Evidence from Pakistan. World Applied Sciences Journal 30 Innovation Challenges in Multidisciplinary Research & Practice, August-14, 2014.
- Khan, Yusoff & Azam, (2014). Emotional intelligence as a moderator of emotional and behavioral reactions to job insecurity. Academy of Management Review, 27, 361-372.
- King, Karuntzos, G. Casper, L. Moen & K., Berkman, (2000). Content, causes and consequences of job insecurity: A theory-based measure and substantive test.Academy of Management Journal, 32 (4), pp. 803-829.
- Krejcie, R., & Morgan, D. (1970). Determining sample size for research activities. Educational and Psychological Measureemnt, (30) pp.607-610.
- Kooij, (2003). An examination of the antecedents of turnover propensity of engineers: An integrated model. Journal of Engineering and Technology Management, 9, 101-126.
- Kuo, (2004). The relationship between Human Resource Management practices, employee commitment, and operational performance in the healthcare institutions, National Cheng Kung University, Taiwan, Taiwan.
- Kuchar, (2007). A primer on partial least squares structural equation modeling (PLS-SEM).
- Lambert & Hogan, (2009). Conceptualizing and evaluating career success. Journal of Organizational Behavior, 26(2), 113-136.
- Lankau & Scandura, (2002). Continuous Improvement through Employee Training: A Case from the Financial Services Industry. The Learning Organisation an International Journal, 1(1):11-16.
- Lee & Mitchell, (2000). Control Turnover by Understanding its Causes. Handbook of Principles of Organizational Behavior. Malden, MA: Blackwell Publishers Ltd, p. 90-104.

Lee & Lee, (2007). A review of Human Resource Management practices and consequences of turnover intention. Journal of Human Resource Management, 20 (1), 433-456.

Lee, (2008). Voluntary employee turnover: Combining variables from the 'traditional' turnover literature with the theory of planned behaviour. Journal of Organizational Behaviour, 25, 893-914.

Lee, C. Wu, G. F. Chay, Shieh & Mitchell, (1999). The sequential model of voluntary turnover: A replication and extension. Academy of Management Journal, 42, 450–462.

- Lee & Mitchell, (1999). An alternative approach: The unfolding model of voluntary employee turnover. Academy of Management Review, 19, 51–89.
- Leary, J. Thomas, Goyal, H. Ricardo & Holzl, (2004). "Predictors of nurses" intent to stay at work in a university health center," Nursing and Health Sciences, vol. 6, pp. 59-68, 2004.

Lee, B.C. Fah, J.Bosma, K. C. Joel & Foon, (2006). A test of job security's direct and mediated effects on withdrawal cognitions. Journal of Organizational Behavior 18(4), 323-349.

Leppanen, (2005). Explaining employees health care cost: a prospective examination of stressful, job demand, personal control, psychologically reactivity. Journal of applied psychology, 86, 954-964.

Lucas, Marchal, J. Wathen, Abraham & S. Brain, (2012). "A study of the relationship between job satisfaction, organizational commitment and turnover intention among hospital employees," Health Services Management Research, vol. 21, pp. 211-227, 2008.

- Mathis, J.E. & D.M. Jackson, (2004). A review and meta-analysis of the antecedents, correlates and consequences of commitment. Psychological Bulletin, 108: 171-194.
- Mathieu & Meneze, (2005). An Investigation of Turnover and Retention Factors of Health Professional Staff within the Eastern Cape Department of Health. Masters Thesis. Rhodes University.
- March & Simon, (1958). "Examining sources of influence on employee turnover in the parttime work context", Leadership. Organization Dev. J. 21 (3):136-144.
- Mello, (2011). Employee's Turnover Intentions and Job Destination Choices. Journal of Organizational Behaviour, 23(1), 109-125.
- Meyer, Herscovitch, J.P. Thomas, Holzl & Maltin, (2001). Commitment in the workplace: Towards a general model, Human Resource Management Review, 11.
- Mitchell, Holtom, & Lee. (2001). How to keep your best employees: Developing an effective retention policy. Acad. of Management Executive 15(4):96-108.
- Min, P.J. Sparks, Rachelle, K. Vanessa & J. M. Kennedy, (2007). Turnover intention and preparedness for change: Exploring leader-member exchange and occupational selfefficacy as antecedents of employability predictors. Career Development International, 12 (7), pp. 660-679.

- Micheal Armstrong, (2001). Employee development, commitment and intention to turnover: Test of 'employability' policies in action. Human Resource Management Journal, 16: 173–192.
- Michael, (2009). Achieving Organisational Prosperity through Employee Motivation and Retention: A Comparative Study of Strategic HRM Practices in Malaysian Institutions. Research and Practice in Human Resource Management, 13(2), 87-104.
- Miller & Wheeler, (1992). "Is career management related to employee development and performance?" Journal of Organizational Behavior 17, 119-23.
- Mitchell, T. R. Raymond, Holtom, Lee, & Graske, T. (2001). How to keep your best employee: Developing an effective retention policy. The Academy of Management Executive, 15 (4), 96-109.
- Moncarz, B.F. Clenney, D. Kelly, M.L. Burg & Taylor, (2009). Job Search Modes and Turnover, Career Dev. Int. 9(5):442-458.
- Mondy, (2010). Employee turnover: A bad attitude or poor management. Human Resource Management Journal, 11(1), 54-74.

Morrell, (2001). Organisational change and employee turnover. Personnel Review, 33(2), 161- 173.

Mobley, Price, W.H. Olson, Flaxman & J. Jaros, (1977). Review and conceptual analysis of the employee turnover process. Psychological bulletin, 86(3), 493.

Mohamad, (2006). Can training stop turnover? Training, 30(10):82-87.

Mondofacto, (2009). Effects of a Professional Practice Model on Autonomy, Job Satisfaction and Turnover. Nursing Management, 27(2), 48-53.

Moulik & Mazumdar, (2012). Individual factors and work outcomes of employee engagement. Procedia-Social and Behavioral Sciences, 40, 498-508.

Moynihan, Wright & Gardner, (2003). The impact of human resource management on organizational performance: progress and prospects. Academy of Management Journal, 39, 779-801.

Noe, Hollenbeck, B. Gerhart & S. Wright, (2006). Human Resources Management Gaining A Competitive Advantage.4thEdition, New York, McGraw Hill.

Oakland, R. J. House, D. Jason, C. Harris & S. I. Lirtzman, (2001). Does competition enhance of inhibit motor performance: A meta-analysis. Psychological Bulletin, 125, 133–154.

Obeidat, Sieberhagen, C. Charles, K. Richard & Mostert, (2014). Unemployment, job satisfaction and employee turnover: A meta-analytic test of the Muchinsky model. Journal of Applied Psychology, 72, 374–381.

Payne & Huffman, (2005). Managing the Training Process: Putting the Basics into Practice. Journal of European Training. 18 (6):4-28.

Patrick, (2011). HR strategies and firm performance: what do we know and where do we need to go? International Journal of Human Resource Management, 6(3), 656-670.

- Pearce & Porter, (2010). The relationship between career growth and organizational commitment. Journal of Vocational Behavior, 77(3), 391–400.
- Poursafar, Rajaeepour & Abdallah, (2014). The moderator-mediator variable distinction in social psychological research: Conceptual, strategic, and statistical considerations. Journal of personality and social psychology, 51(6), 1173.
- Porter, L.W. Despres, Y. Horna, M.K Simon & Steers, (1974). Organizational, work, and personal factors in employee turnover and absenteeism. Psychological Bulletin, 80, 151–176.
- Qurehi & Rasli, (2014). Turnover and Job Training in Developing and Developed Countries: Evidence from Colombia and the United States.
- Quresh, Altman, K. Blau, S. Martin & Gouldner, (2013). Turnover theory at the empirical interface: Problems of fit and function. Academy of Management Review, 27(3), 346–360.
- Raphael, (2004). How can managers reduce employee intention to quit? Journal of Management Psychology 19 (2): 170-187.

Reisel and Banai, (2002). "Organizational Predictors of Staff Stress, Satisfaction and Intended Turnover in Services for People with Multiple Disabilities", Mental Retardation 31(6):388-399.

- Robbins, M. Montei, C. F. Tuttle, J.M. Coery & Kalle, (2005). Career commitment and expected utility of present job as predictors of turnover intentions and turnover behavior. Journal of Vocational Behavior, 39, 331-343.
- Robbinson, (2008). Career Growth Study: Scale development and validity test. Management Review, 22(10), 22–31.
- Robbins & Couldter, (2002). Job Training, Wage Growth, and Labor Turnover. NBER Working Paper No. 2690.
- Rosser, (2004). "Recruitment, training and turnover: another call centre paradox", Personnel Review, Vol. 36 Iss 3 pp. 476 490.
- Rowden & Conine, (2005). Investigating the relationship between HR satisfaction and turnover. International Business Review, 16(3), 377-395.
- Rubel & Kee, (2015). "Turnover intentions", Team Performance Management: An International Journal, Vol. 17 Iss 112 pp. 23 40.

- Ryan, T. Bryant, Claude, Y. S. Rhoads & P. Freeman, (2006). Employee turnover: A bad attitude or poor management. Human Resource Management Journal, 11(1), 54-74.
- Santos, (1999). Introduction to mediation, moderation, and conditional process analysis: A Regression-Based Approach. New York: The Guilford Press.

Sekaran, U. (2003). Research methods for business: A skill building approach. New York: John Wiley and Sons.

Shaw, Gupta & Delery, (2005). Turnover theory at the empirical interface: Problems of fit and function. Academy of Management Review, 27, 346–360.

- Shore & Martin, (1989). "Managing employee turnover: Why employees leave", The Cornell HRA Quarterly, pp. 11-18.
- Sherman & Bohlander, (1992). Training, Productivity and Wages in Italy. Labour Economic, 12, 557-576.

Sieben, R. Reynolds, Acosta, C. Stough & J. K. Walsh, (2007). An evaluation of precursors of hospital employee turnover. Journal of Applied Psychology, 63(4), 408-414.

- Simon, (2008). Why managers should care about fairness: The effects of aggregate justice perceptions on organizational outcomes. Journal of Applied Psychology, 88, 432-433.
- Sousa-Poza & Henneberger, (2002). "Job-to-job turnover and job to-non-employment movement" Personnel Rev. 31(6): 710-721.
- Staufenbeil & Konig, (2010). Who suffers more from job insecurity? A meta analytic review. Applied Psychology. An International Review, 57, pp. 272-303.
- Stewart & Brown, (2009). "HRM Practice And Employee Attitudes: Different Measures Different Results", Personnel Review, Vol. 34 No. 5, pp. 534-549.
- Summers, P.V.Hay, J. Ikhlag, M. Grace & Ronce,(2012). Why managers should care about fairness: The effects of aggregate justice perceptions on organizational outcomes. Journal of Applied Psychology, 88, 432-433.
- Sverke & Hellgren, (2001). The nature of job insecurity: Understanding employment uncertainty on the brink of a new millennium. Applied Psychology: An International Review, 51, pp. 23-52.
- Tan Sri Dato' Seri Dr. Hj. Mohd. Ismail Merican. (2009). Healthcare delivery: Ministry doing its best for doctors. New Straits Times, 28 August.

Taylor, (1998). Employee turnover: A meta-analysis and review with implications for research. Academy of Management Review, 11, 55-70.

Tan & Batra, (1995). Who benefits from training and R & D, the firm or the workers? British Journal of Industrial Relations, 4, 473-495.

- Terpstra, E. D., & Rozell, J. E. (2005). The relationship of staffing practices to organizational level measures of performance Personnel Psychology, 46 (1): 27–48.
- Thompson & Prottas, (2006). "Measuring human resources: An overview of practice and a prescription for results". Human Resource Management 36(3): 303–20.
- Thomas & Cornelius, (2010). Job insecurity is important, but not for the reasons you might think: Trends in Organizational Behaviour 5, 31-46.
- Tihanyi & Boudreau (2001). Managing employee retention as a strategy for increasing organisational competitiveness. Management Journal Vol.1 No. 8(2): 63-72.
- Towers Watson (2013). Towers Watson's general industry total rewards seminar. Malaysia: Towers Watson.
- Towers Watson (2011). Antecedents of Turnover Intentions: A Literature Review. Global Journal of Management and Business Studies. Vol.3 No.10, 1219-1230.
- Tsutsumi, R. Rowden, B. Adler, S. Klemola & Y. Joyce, (2006). Relationship between Job Satisfaction and Employee Job Performance in Guilan Public Sector. Journal of Basic and Applied Scientific Research, 2(2)1735-1741, 2012.
- Tser, J. S. Alexander, A. Colvin, T. Scott & Keefe, (2004). Alternative approaches to the employee-organization relationship: Does investment in employees pay off? Academy of Management Journal, 40, 1089–1121.

Tuzun, Thomas, J.L Bliese, P.Daniel & Adler, (2007). Staff Development and Performance
a Brazilian Research Centre European Journal of Innovation Management, 10 (1),
109-125.

Tung, S. Pichler, G.H Bodner, T. Bond & Paul, (1982). Turnover intentions: Do leadership behaviors and satisfaction with the leader matter? Team Performance Management, 17(1/2), 23-40.

U. Sekaran & R. Bougie, (2010). Research Methods for Business: A Skill Building Approach, Wiley, London.

- Villegas, (2006). The challenges of human resource management towards organizational effectiveness. Journal of European Industrial Training, 29(2), 112 134.
- Vorhies & Harke, (2000). Some contextual influences on training utilization. The Journal of Applied Behavioral Science, 32(3): 306-322.
- Watrous, Huffman, & Pritchard, (2006). Should I stay or should I go? Explaining turnover intentions with organizational identification and job satisfaction. British Journal of Management, 15, pp. 351-360.
- Weng, Lin, & Tsai, (2010). Career Growth Study: Scale development and validity test. Management Review, 22(10), 22–31.

- Weng & Hu, (2009). The structure of career growth and its impact on employees' turnover intention. Industrial Engineering and Management, 14(1), 14–21.
- Wei Zhao, (2008). Effective Human Relations a Guide to people at Work (4th ed.). USA: Alllyn and Bacon.
- Weng & McElroy, (2012). Becoming your own career coach. Training & Development 49(1), 18-43.
- Wheeler, Harris & Harvey, (2010). Vocational self-concept crystallization as a mediator of the relationship between career self-management and job decision effectiveness. Journal of Vocational Behavior, 76(2), 234–243.

Williams, S. Elvey, R. Robin, J.F. Black & K. Hassell, (2003). A Test of Job Security's Direct and Mediated Effects on Withdrawal Cognitions. Journal of Organizational Behavior, 18, pp. 323-349.

- Withmore, (1979). Turnover theory at the empirical interface: Problems of fit and function. Academy of Management Review, 27, 346–360.
- Yu, (2007). Firm resources and sustained competitive advantage. Journal of Management, 17, 99-120.
- Zheng & Kleiner (2001), "A career in food service cons: high turnover", Nations Restaurant News, 35 (21):147-148.
- Zhazykpayeva, (2011). "Effects of performance appraisal politics on job satisfaction and turnover intention", Personnel Review, Vol. 33 Iss 3 pp. 322 334.
- Zimmerman, (2009). Organizational Work and Absenteeism. Psychological Bulletin, 80, 151-176.
- Zikmund, W. G., Babin, B. J., Carr, J. C., & Griffin, M. (2009). Business research methods (8th ed.) USA: South-Western College Publishing.