A STUDY OF THE RELATIONSHIP BETWEEN LEADERSHIP STYLE AND EMPLOYEE TURNOVER INTENTION IN SHANGHAI, CHINA

WEN XIN TIAN

SCHOOL OF BUSINESS AND ECONOMICS UNIVERSITI MALAYSIA SABAH 2007



A STUDY OF THE RELATIONSHIP BETWEEN LEADERSHIP STYLE AND EMPLOYEE TURNOVER INTENTION IN SHANGHAI, CHINA

WEN XIN TIAN

Dissertation Submitted in Partial Fulfillment of the Requirements for the Degree of Master of Human Capital Management (MHCM)

SCHOOL OF BUSINESS AND ECONOMICS UNIVERSITI MALAYSIA SABAH 2007



UNIVERSITI MALAYSIA SABAH

BORANG PENGESAHAN STATUS TESIS @

JUDUL: KAJIAN HUBUNGAN DIANTARA CARA KEPIMPINAN DAN KEINGINAN

PUSING GANTI PARA PEKERJA DI SHANGHAI CHINA

IJAZAH: SARJANA PENTADBIRAN MODAL MANUSIA

SESI PENGAJIAN: 2005 - 2007

Saya, WEN XIN TIAN mengaku membenarkan tesis Sarjana ini disimpan di Perpustakaan Universiti Malaysia Sabah dengan syarat-syarat kegunaan seperti berikut:

1. Tesis adalah hakmilik Universiti Malaysia Sabah.

 Perpustakaan Universiti Malaysia Sabah dibenarkan membuat salinan untuk tujuan pengajian saya.

 Perpustakaan dibenarkan membuat salinan tesis ini sebagai bahan pertukaran antara institusi pengajian tinggi.

4. TIDAK TERHAD

Disahkan oleh

(Penulis: WEN XIN TIAN)

215 131

Alamat:

Lot 95, Rm 102, Lane 3925, Zhenbei St., Shanghai city,

China

(TANDATANGAN PERPUSTAKAWAN)

(Penyelia: Dr. Hjh Arsiah Bahron)

Tarikh: 2 07 07.

Tarikh: June 2007

CATATAN: @ Tesis dimaksudkan sebagai tesis Ijazah Doktor Falsafah dan Sarjana secara penyelidikan, atau disertassi bagi pengajian secara kerja kursus dan penyelidikan, atau Laporan Projek Sarjana Muda (LPSM).



DECLARATION

The materials in this dissertation are original except for quotations, excerpts, summaries and references which have been duly acknowledged.

WEN XIN TIAN
Matric No: PS05-002(K)-055(A)
21 June 2007



ACKNOWLEDGEMENTS

I am greatly indebted and would sincerely like to express my deepest gratitude to my supervisors Dr. Hjh Arsiah Bahron. She had patiently extended her constructive criticism and advice through the duration of my research project. And thanks for all lectures helped and taught me during the time I study in UMS.

I am extremely grateful to my parents for their understanding and perseverant over the years of this MHCM program. Without their support, it was impossible for me to pursue and finish my master degree. Thanks also go to my dear friend Zheng Minjie, who had done a lot of things to help me collecting data in Shanghai. And thanks to all the respondents and department involved who had extended their valuable time completing and returning the questionnaires.

A sincere thanks to my fellow colleagues of MHCM program whom together we journeyed the wise part of acquiring knowledge and endearments are always treasured.

Finally, thanks for all the people who gave me support and help in Malaysia.



ABSTRACT

Leadership is the process of influencing others to facilitate the attainment of organizationally relevant goals. The general objective of this research is to determine the impact of transformational-transactional leadership style and leadership factors have any effect on employee turnover intention in Shanghai, China. The paper reviews the basic theory and former researches on to what extent these factors have effect on employee turnover intention. The sample of this study comprise of the staff, first line managers and middle managers in Shanghai. A sample of 230 participants was targeted; and 171 questionnaires, which were utilized as the main instrument in this study, were returned. Eight hypotheses were constructed and testing by SPSS program of multiple regressions. And it was found out that both transformation and transactional leadership style had a significant relationship with employee turnover intention. Leadership factor inspirational motivation had a negative impact on employee turnover intention, and factor passive manage-by-exception and laissez-faire had positive impact on employee turnover intention.



ABSTRAK

KAJIAN HUBUNGAN DIANTARA CARA KEPIMPINAN DAN KEINGINAN PUSING GANTI PARA PEKERJA DI SHANGHAI CHINA.

Kepimpinan merupakan proses mempengaruhi orang lain untuk memudahkan pencapaian matlamat organisasi. Objektif umum kajian ini adalah untuk menentukan kesan cara kepimpinan transformasional-transaksional dan faktor kepimpinan mempunyai banyak kesan keatas keinginan pusing ganti para pekerja di Shanghai, China. Kajian ini meninjau semula teori asas dan pengkaji terdahulu tentang sejauhmanakah faktor-faktor ini memberi kesan terhadap keinginan pusing ganti para pekerja. Sampel kajian ini terdiri staf, pengurus atasan dan pengurus pertengahan di Shanghai. Sejumah 230 peserta sasaran dan sebanyak 171 borang soal selidik dikembalikan dan yang digunakan sebagai instrument utama dalam kajian. Lapan hipotesis telah dibuat dan diuji menggunakan SPSS program regresi kepelbagaian. Kajian mendapati bahawa kedua-dua cara kepimpinan transformasi dan transaksional mempunyai hubungan yang penting dengan keinginan pusing ganti para pekerja. Faktor kepimpinan inspirasi motivasi mempunyai kesan yang negatif keatas keinginan pusing ganti para pekerja dan faktor pasif pengurusan-secara-luarbiasa istimewa dan laissez-faire mempunyai kesan positif keatas keinginan pusing ganti para pekerja.



TABLE OF CONTENTS

TITLE		Page
DECLARATION		1
ACKNOWLEDG	EMENTS	II
ABSTRACT		III
ABSTRAK		iv
TABLE OF CONTENTS		V
LIST OF TABLES		viii
LIST OF FIGURES		ix
CHAPTER 1: IN	ITRODUCTION	
1.1	Overview	1
1.2	. Research Problem	3
1.3	. Research Objective	4
1.4	. Scope of the Study	5
1.5	. Significance of the Study	5
1.6	. Definition of Key Variables	6
	1.6.1 Leadership Style 1.6.2. Employee Turnover	6 7
1.7	. Organization of Thesis	8
CHAPTER 2: LI	TERATURE REVIEW	
2.1	Introduction	9
2.2	. Definition of Key Concepts	9
	2.2.1 Transactional-Transformational leadership 2.2.2. Employee Turnover	9 14
2.3	3. Leadership Researches	16
2.4	Employee Turnover	17
2.5	5. Summary	20



CHAPTER 3: RESEARCH METHODOLOGY

	3.1. Introduction	21
	3.2. Research Framework	21
	3.2.1. Independent Variable	22
	3.2.2. Dependent variable	26
	3.3. Research Hypothesis	26
	3.4. Research Design	27
	3.5. Sample	28
	3.6. Instrument Design	28
	3.6.1. Measurement of Independent Variable3.6.2. Measurement of Dependent variable3.6.3. Demography	29 29 30
	3.7. Data Collection Method	30
	3.8. Data Analysis Methods	31
	3.9. Summary	31
CHAF	PTER 4: RESULTS	
	4.1. Introduction	33
	4.2. Profiles of Respondents	33
	4.3. Reliability of Measures	35
	4.4. Deceptive Statistics	36
	4.5. Hypotheses Testing	38
	4.6. Summary of Findings	44
CHAI	PTER 5: DISCUSSION AND CONCLUSION	
	5.1. Introduction	45
	5.2. Recapitulation of the Study	45
	5.3. Implication and Discussion	46
	5.4. Limitation of Study	48
	5.5. Suggestion of Future Research	49
	5.6. Conclusion	50



51
58
63



LIST OF TABLES

TITLE	Page
Table 2.1: Summary of Published Studies Testing Factor of Structure	15
Table 3.1: Factors of transactional and transformational leadership	22
Table 3.2: 0 to 4 Scale Responses on Independent Variable	29
Table 3.3: 5-point Scale Response on Dependent Variable	30
Table 4.1: Profile of Respondents	34
Table 4.2: Cronbach Alpha for Variables	36
Table 4.3: Descriptive Statistics of the Variables	37
Table 4.4: Proportion of Leadership Style	38
Table 4.5: Multiple Regression Analysis results on Transformational Leadership)
and Turnover Intention	39
Table 4.6: Multiple Regression Analysis results on Transactional Leadership	
and Turnover Intention	41
Table 4.7: Summary of Findings	44



LIST OF FIGURES

ILIEL	rage
Figure 3.1: Research Framework	21



CHAPTER 1

INTRODUCTION

1.1 Overview

Now days, as the world has come to the era of the globalization and technology innovation, the pressure of competition and retaining the competitive advantages is strongly facing organizations. For this reason, besides keeping on updating technology and innovation the working systems, another important factor that makes significant contribution to organizations surviving in current market and performing well is their people, in other words, their human capital.

Human capital is considered the most important asset of organizations, the key to the success. According to Armstrong and Brown (2001), the quality of the human or intellectual capital possessed by organizations is seen generally as the key factor in differentiating them from their rivals and achieving superior results. Almost all the organizations shoot for talent people; but how to keep your human capital with you is another story. In China, due to the political policy and environment, the distribution of the human capital used to be controlled by the Chinese Government. During those times, on one hand, people could not find jobs by themselves. They had to follow the arrangement of the government no matter they liked it or not. On the other hand, enterprises could not recruit people according to their own human resource planning or standards instead of accepting the one pointed by government. However, along with the development of the economy and society, this situation is no long existed. Things

are completely changed now; people can easily transfer from one company to another.

This kind of transfer is called turnover.

From the perspective of companies, employee turnover means cost. And some kinds of human resource losing can not be offset. Barnett (1995), Chang (1996), Barnard and Rodgers (1998) found voluntary turnover is a major problem for companies in many Asian countries and areas such as Hong Kong, South Korea, Malaysia, Singapore, and Taiwan. And this problem should be paid attention by academicians and researchers. Employee turnover can be caused by many different reasons. A lot of researches have been done related employee turnover with employee commitment, job stress and performance appraisal in some different areas

Employees are playing a significant role related to organizations' success. In order to achieve it objective, another factor — leader is important as well. Since, employees need capable leaders who behavior properly in terms of direct them, motivate them and reward them. Therefore, to what extent a leader's behavior, or, in other words, the leadership style that a leader displaying influences employee's behavior, such as turnover, is important to every organization.

This paper is focus on the leadership style, and try to find out the association between it and employee turnover. It hopes that this paper will provide valuable information to the study of leadership style and turnover and finally contribute to management intelligent and resolve turnover problem in Shanghai, China.



1.2 Research Problem

As mentioned previously, employee turnover can result in large cost to organizations, and it becomes a critical problem facing managers. Why do employees leave their companies? What are the underlying factors that would explain this phenomenon? The purpose of this study is to examine the relationship between aspects of transactional and transformational leadership style (Bass, 1985) and employee turnover intention

According to Padilla-Vellez (1993), Gangadhraiah et al. (1990) and Martin (1990), job satisfaction is an immediate antecedent of intention to leave the workplace and turnover. Unsatisfied workers will leave their jobs more than their satisfied colleagues. Besides the job satisfaction and other determinants, leadership is viewed as an important predictor and plays a central role influence employee behavior (Ali & Hossein, 2006). And Yuan et al. (2006) found leadership style with factors of inspiration and charismatic is acceptable by employees in wire and cable companies in Taiwan. In this study, it is going to exam the relationship between employee turnover intention and transactional and transformational leadership style; and tries to answer the to the foregoing research questions as outlined below:

- 1.3.1 Is there a relationship between leadership style which is displayed in organizational environment and employee turnover intention?
- 1.3.2 To what extent leadership style displaying influence employee turnover intention?
- 1.3.3 Do different leadership styles result in different employee turnover outcome?
- 1.3.4 Which factor of leadership style has effect on reducing employee turnover



- 1.3.5 Which factor of leadership style has the effect on increasing employee turnover intention?
- 1.3.6 Is Bass's transformational leadership theory applicable in China?

1.3 Research Objectives

Until now the study on the relationship between leadership style and employee turnover is scarce. To understand this issue, it should be found out what kinds of leadership styles that are being practiced in organizations, and their effect on employee turnover intention. Therefore the objectives of this research are divided into two parts. The first part consists of main objectives while the second part is the supplementary objectives.

The main objectives of this research are as follows:

- a) To examine whether leadership style that is being displayed in organization environment will have an effect on employee turnover intention?
- b) To examine whether different leadership styles that are being displayed in organization environment will have different effect on employee turnover intention to the organization.

The supplementary objectives of this research are as follows:

 To examine whether Bass's transformational leadership theory is applicable in China.



- b) To discuss the solution of turnover problems in leadership behavior through finding the impact of factors of leadership style displaying effecting on employee turnover.
- c) To increase managers' ability to recognize turnover factors, this will provide prospective managers to react swiftly in meeting their strategy objectives.

1.4 Scope of the Study

The objective of this research is finding the relationship between leadership style and employee turnover intention. The researcher surveyed several enterprises in Shanghai, China. The survey occurred through questionnaire. Most of the enterprises which were surveyed are private companies where human resource is the core competitiveness factor. But employee turnover happened generally there. To evaluate the relationship between leadership style and employee turnover intention, first and meddle line managers and their subordinates from these enterprises were selected as the participants.

1.5 Significance of the Study

The research on the relationship between leadership style and employee turnover is far from maturation; much study can be done here. This paper gave a helpful trial. It not only provides an example for further study on employee turnover, but also helps the managers of these target enterprises to improve their leader behaviors. From this study, managers can find that different leadership styles have different effect on



employee turnover. A more suitable leadership style that matches the environment of the organization can make a contribution to attract and maintain more talent people. A successful leadership practicing can bring the company with great benefits.

Without doubt, this study is still limited in some fields, but the result of this research could serve as a reference for further investigations about factors of employee turnover.

1.6 Definition of key variables

This study adopts 'leadership style' and 'employee turnover' as its key independent variable and dependant variable. The independent variable of leadership style includes two dimensions transactional leadership and transformational leadership. The key variables used in this study have specific meaning and such definition in general context as well as in the context of this research are outlined below.

1.6.1. Leadership Style

According to John, Robert and Michael (2005), leadership is the process of influencing others to facilitate the attainment of organizationally relevant goals. And Lord and Maher (1993) pointed out that leadership "involves behaviors, traits, characteristics, and outcomes produced by leaders as these elements are interpreted by followers". In this paper, which is basic on the transactional-transformational leadership theory developed by Bass (1985), is going to be found out that if there is different outcome in terms of employee turnover existing by displaying transactional leadership and



transformational leadership in organization environment.

1. Transactional leadership

Transactional leadership is responsive and its basic orientation is dealing with present issues. The effective transactional leader is a master of "give and take". He or she always responds intelligently on the basis of accurate diagnosis of the situational factors and the subordinates' expectations within these situations. In short, he or she always makes motivational transactions with his/her people.

2. Transformational leadership

Transformational leadership is proactive. This kind of leader sees the present as a springboard to achieve future aims. He or she forms new expectations in his or her people (Bennis & Nanus, 1985; Eden, 1990) and sets empowerment processes in motion (Conger & Kannungo, 1987). Briefly, he or she relates mainly to his or her people's developmental needs (Alderfer, 1972).

1.6.2. Employee Turnover

The degree of individual movement across the membership boundary of a social system (Price, 1977). In this paper, employee turnover served as the outcome of leadership displaying. Archival data will be obtained from the employees who work in the target enterprises. And it is going to be focused on voluntary turnover which can expression the leave desire of employees not the external factors, such as layoff.



1.7 Organization of Thesis

This paper examined the relationship between leadership style and employee turnover intention in Shanghai, China. Chapter 1 is a generally introduction of this paper. In the Chapter 2, a literature reviewing presents the previous researches and findings of other researchers with the content of the association leadership style and turnover. Chapter 3 introduces the research framework, research design, methodology and key variables of this study. Following is the Chapter 4 which present the result of the study. Finally goes to the Chapter 5, it is the conclusion of this paper. In this part, recapitulation, discussion and implication of this study are given. It also includes the limitation the suggestion of future research.



CHAPTER 2

LITERATURE REVIEW

2.1 Introduction

This chapter discusses some literature related to leadership and employee turnover. In order to have a best understanding of the factors of leadership style influencing employee turnover and utilize the result of former researchers, a review of all these studies is necessary; especially the factors discussed above and its key concepts are outlined in this chapter.

2.2 Definition of Key Concepts

Each of the concepts will be defined as to show the relationship of employee turnover and the variables of leadership style. The researcher will relate to these concepts with the findings in the latter chapters.

2.2.1 Transactional-Transformational Leadership

In the past decades, approaches of leadership theories have been flourishing and numerous theories emerged. However, when most of these old leadership approaches were tested they led to unsatisfactory results in theoretical and practical application.

Until the late 20th century, much attention was focused on examining the approaches of leaders who have successfully transformed organizations of different settings. The



basic of this research is built upon the theoretical model of transformational leadership put forward by Burns (1978) and further advanced by Bass (1985). Bass's transformational leadership theory, comprising transactional and transformational leadership styles, described the leader as one who helps to develop and maintain a sense of commitment, and raises aspirations and motivation among colleagues and followers.

The original factors of the transformational and transactional leadership model were conceptualized by Bass (1985). On the basis of a series of investigations, Bass (1985) emerged with five leadership factors, three describing transformational leaders and two describing transactional leaders. The transformational factors were labeled: charisma, individualized consideration and intellectual stimulation. The transactional factors were: contingent reward and management-by-exception. Scales measuring separate aspects of transformational and transactional leadership are based on factor analysis of the former-version questionnaire and subsequent modification. Since its conceptualization, the model has been subject to major revision (Bass & Avolio, 1993, 1994) changing from a five-factor to a nine-factor model with the following modification: Charisma was further subdivided into idealized influence (attributed) and idealized influence (behavior) while management-by-exception management-by-exception (active) and management-by-exception (passive); and with an addition of factor laissez-faire.



· Transformational leadership

Transformational leadership "occurs when one or more persons engage with others in such a way that leaders and followers raise one another to higher levels of motivation and morality" (Burns 1978, p. 20). It goes beyond exchanging inducements for desired performance (Bass, 1985) and involves stimulating followers to transcend their own self-interests for a higher collective purpose, mission, or vision (Bass, 1985; Howell & Avolio, 1993; Pearce et al., 2000). Transformational leaders concentrate their effort on longer-term goals, emphasize the vision and inspire followers to pursue the vision, and foster trust and commitment (Howell & Avolio, 1993; Jung & Avolio, 1999). Burns considered that transformational leaders could raise the followers from a lower to a higher level of needs in accordance with Maslow's hierarchy of needs (Maslow, 1954). They also recognize the needs of followers and seek to satisfy their higher needs and engage the full person of the followers (Avolio & Gibbon, 1988; Tichy & Devanna, 1990). More often they serve as a coach, mentor, and teacher to gain a sense of commitment and dedication from their followers (Keller, 1992). According to Bass (1998), transformational leaders show respect and confidence, and they motivate their followers to work hard to improve organizational effectiveness (Bass & Avolio, 1994). By showing respect and confidence in their followers, transformational leaders are able to bring a high degree of trust and loyalty on the part of follower to the extent that followers are willing to identify with the leader and the organization. As a result, followers trust in and emotionally identify with the leader,



such that they are willing to stay with the organization – even under very difficult circumstances (Fred at el., 2004).

Transformational leaders were characterized by (1) Raising the level of awareness of followers about the importance of achieving valued outcomes, a vision, and the required strategy; (2) getting followers to transcend their own self-interest for the sake of the team, organization, or larger collectivity, and (3) Expanding followers' portfolio of needs by raising their awareness to improve themselves and what they are attempting to accomplish (Burns, 1978; Bass, 1985).

Transactional leadership

Transactional leadership is simply contingent reinforcement (Bass, 1985).
"Leader-followers relationships are based on series of exchanges or bargains between leaders and followers" (Howell & Avolio, 1993, p.891). Transactional leaders link with their followers merely in an exchange process. The emphasis is put on the use of contingent rewards whereby appropriate economic and social rewards are used depending on the extent of accomplishment of agreed-upon objectives (Wei et al., 2003). Typically, the main focus of this leadership style is on setting goals, clarifying the link between performance and rewards, and providing constructive feedback to keep followers on task (Bass, 1985). The leaders set out a list of performance and achievement guidelines for followers against which rewards in terms of money, praise, and promotion will be given in return.



REFERENCE

- Alderfer, C. P., 1972. Existence, Relatedness and Growth. Human Needs in Organizational Settings, The Free Press, New York, NY.
- Alexander, J., Bloom, J. & Nuchols, B., 1994. "Nursing turnover and hospital efficiency: an organization-level analysis". *Industrial Relations*, 33(4); 505-520.
- Ali, Mohd. M. R. & Mohd. Hossein. Y. 2006. "A study of relationship between managers' leadership style and employees' job satisfaction." *Leadership in Health Services*, 33(2); xi-xxviii.
- Antony, T. S. & Edwin, H. W. 2005. "Impact of Perceived Leadership Styles on Work Outcomes: Case of Building Professionals", *Journal of construction Engineering* and Management, ASCE, April 2005; 413-422.
- Avolio, B. J. & Bass, B. M., 1991. The full-range of leadership development, Centro for Leadership Studies, Binghamton, N.Y.
- Avolio, B. J., Bass, B. M., & Jung, D. I., 1999. "Re-examining the components of transformational and transactional leadership using the Multifactor Leadership Questionnaire", Journal of Occupational and Organizational Psychology, 72; 441–462.
- Avolio, B. J. & Gibbon, T. C., 1988. "Transformational leaders: Going beyond d the glitter for a closer look at development." Charismatic management: the elusive factor in organizational effectiveness, J. A. Conger and R. N. Kanungo, eds., Jossey-Bass, San Francisco; 276-308.
- Avolio, B. J., John A. & Nagaraj Sivasubramaniam, 2003. "Context and leadership: an examination of the nine-factor full-range leadership theory using the Multifactor Leadership Questionnaire." The leadership Quarterly, 14, pp.261-295.
- Armstrong, M. & Brown, D. 2001. New Dimensions in Pay Management. London, CIPD.
- Barling, J., Weber, T., & Kelloway, E. K., 1996. "Effects of transformational leadership training on attitudinal and financial outcomes: A field experiment". Journal of Applied Psychology, 81; 827 - 832.
- Barnard, M. E. & Rodgers, R. A. 1998. "What's in the Package? Policies for the Internal Cultivation of Human Resource and for High Performance Operations". Asia Academy of Management (Hong Kong).



- Barnett, R. 1995. "Flexible benefits: Communication is the Key". *Benefits and Compensation International*, 24(6);25-28.
- Bass, B. M., 1985, Leadership and Performance beyond Expectation, Free Press, New York, NY.
- Bass, B. M., 1990. Bass & Stogdill's handbook of leadership: Theory, research and managerial applications, 3rd ed., Free Press, New York.
- Bass, B. M., 1997. "Does the transactional-transformational leadership paradigm transcend organizational and national boundaries." Am. Psychol., 52(2); 130-139.
- Bass, B. M., 1998. *Transformational leadership: Industry, military, and educational impact*. Mahwah, NJ: Erlbaum.
- Bass, B. M. & Avolio, B. J. 1990. "The implications of transactional and transformational leadership for individual, team and organizational development". Research in organizational change and development, R. W. Woodman and W. A. Passmore, eds., JAI Press, Greenwich, conn.
- Bass, B. M. & Avolio, B. J., 1993. "Transformational leadership: Aresponse to critics." Leadership theory and research: Perspectives and directions, M. M. Chemers and R. Ayman eds., Academic, San Diego.
- Bass, B.M., & Avolio, B.J. 1994. *Improving Organizational Effectiveness Through Transformational Leadership*, Sage, Thousand Oaks, CA,.
- Bass, B.M., & Avolio, B.J. 1995. Multifactor Leadership Questionnaire Form 5x-Short, Mind Garden, Redwood City, CA,.
- Bass, B. M., & Avolio, B. J. 1997. Full range of leadership development: Manual for the Multifactor Leadership Questionnaire, Mind Gardens, Redwood City, Calif.
- Bennis, W. and Nanus, B. ,1985. *Leaders: The Strategies for Taking Charge*, Harper & Row, New York, NY.
- Bluedorn, A. C. 1982. "The theories of turnover: Causes, effects, and meaning. In S. B. Bacharach (Ed.)", Research in the sociology of organizations, 1; 75-128. Greenwich, CT: JAI Press.
- Burns, J., 1978, Leadership, Harper and Row, New York, NY.
- Bycio, P., Hackett, R. D., & Allen, J. S., 1995. "Further assessments of Bass's (1985)



- conceptualization of transactional and transformational leadership". *Journal of Applied Psychology*, 80; 468–478.
- Byrne, B. M., 2001. Structural equation modeling with AMOS. Mahwah, NJ: Erlbaum.
- Carless, S. A., 1998a. "Assessing the discriminant validity of transformational leader behavior as measured by the MLQ". *Journal of Occupational and Organizational Psychology*, 71; 353–358.
- Chang, H. 1996. "In Singapore, the Dreams are Getting Bigger". Business Week, 9.
- Conger, J. A. and Kannungo, R. N., 1987. "Toward a Behavioral Theory of Charismatic Leadership in Organizational Settings", *Academy of Management Review*, 12 October; 637-647.
- Cotton, J. L. & Tuttle, J. M., 1986. Employee turnover: A Meta-Analysis and Review with Implications for Research. *Academy of Management Review*, 14; 55-70.
- Den, Hartog, D. N., Van Muijen, J. J., & Koopman, P. L., 1997. "Transactional versus transformational leadership: an analysis of the MLQ". Journal of Occupational and Organizational Psychology, 70; 19–34.
- Dess, G. D. and Shaw, J. D., 2001, "Voluntary turnover, social capital, and organizational performance", Academy of Management Review, 26(3); 446-456.
- Druskat, V. U., 1994. "Gender and leadership style: transformational and transactional leadership in the Roman Catholic Church". *The Leadership Quarterly*, 5; 99–119.
- Dumdum, U. R., Lowe, K. B., & Avolio, B. J., 2002. "A meta-analysis of transformational and transactional leadership correlates of effectiveness and satisfaction: An update and extension. In B. J. Avolio & F. J. Yammarino (Eds.)", *Transformational and charismatic leadership: The road ahead*, 2; 36 66. Oxford: Elsevier Science.
- Dvir, T., Eden, D., Avolio, B. J., & Shamir, B., 2002. "Impact of transformational leadership on follower development and performance: A field experiment". Academy of Management Journal, 45; 735 – 744.
- Eden, D., 1990. Pygmalion in Management, Lexington Books, New York, NY.
- Fred, O. W., Peng, W., John, J. L. & Kan, S., 2004. "The role of collective efficacy in the relations between transformational leadership and work outcomes", *Journal of*

LINIVERSITI MALAYSIA SABAH

- Fuller, J. B., Peterson, C. E., Hester, K., & Stringer, D. Y., 1996. "A quantitative review of research on charismatic leadership". *Psychological Reports*, 78; 271 287.
- Gangadhraiah, H. M., Nardev, G. and Reddy, M. V., 1990. "Nurses' job satisfaction in mental health and neuro-science setting", *Nursing Journal of India*, 81; 201-204.
- Geyer, A. L. J., & Steyrer, J. M., 1998. "Transformational leadership and objective performance in banks". Applied Psychology: An International Review, 47; 397-420.
- Hater, J. J., & Bass, B. M., 1988. "Superiors' evaluations and subordinates' perceptions of transformational and transactional leadership". *Journal of Applied Psychology*, 73; 695–702.
- Hinkin, T. R., Tracey, J. B., & Enz, C. A., 1997. "Scale construction: developing reliable and valid measurement instruments". *Journal of Hospitality and Tourism Research*, 21; 100–120.
- Hom, P. W. & Griffeth, R., 1995. Employee Turnover. South Western Publishing, Cincinnati, OH.
- Howell, J. M., & Avolio, B. J., 1993. "Transformational leadership, transactional leadership, locus of control, and support for innovation: key predictors of consolidate – business-unit performance". *Journal of Applied Psychology*, 78; 891-902.
- Iverson, R. D., 1999, "An event history analysis of employee turnover: the case of hospital employees in Australia", Human Resource Management Review, 9(4); 397-418.
- Jackofsky, E. F., Ferris, K. R. & Breckenridge, B. G., 1986, "Evidence for a curvilinear relationship between job performance and turnover", Journal of Management, 12; 105-11.
- James, G., 2003. "Relation of principal transformational leadership to school staff job satisfaction, staff turnover, and school performance". *Journal of Educational Administration*, 42(3), 2004; 333-356.
- John, M. I., Robert K. & Michael, T. M. 2005. Organizational Behavior and Management, 7th edition, McGraw-Hill, Singapore; 492.



- Jung, D. L. & Avolio, B. J., 1999. "Effects of leadership style and followers' cultural orientation on performance in group and individual task conditions". Academy of Management Journal, 42; 208-218.
- Keller, R. T.,1992. "Transformational Idr and the performance of research and development project groups." J. Manage., 18(3); 489-501
- Kevin, M. M., John, L. & Adrian, J. W., 2004. "Organization changes and employee turnover". *Personnel Review*, 33(2), 2004; 161-173.
- Koh, W. L., Steers, R. M., & Terborg, J. R., 1995. "The effects of transformational leadership on teacher attitudes and student performance in Singapore". *Journal* of Organizational Behavior, 16; 319–333.
- Labov, B., 1997. "Inspiring employees the easy way". Incentive, 717(10); 114-118.
- Lee, T. W. & Maurer, S. D. 1997. "The Retention of Knowledge Workers with the Unfolding Model of Voluntary Employee Turnover." *Human Resource management Review*, 25; 247-245.
- Lee, T. W. & Mitchell, T. R., 1994, "An alternative approach: the unfolding model of voluntary employee turnover", *Academy of Management Review*, 19(1); 51-89.
- Lievens, F., Van Geit, P., & Coetsier, P., 1997. "Identification of transformational leadership qualities: an examination of potential biases". *European Journal of Work and Organizational Psychology*, 6; 415–530.
- Loeb, J., 1996. "Don't make promises you can't keep". *Human Resources Professional*, 9(1); 3-6.
- London, M. & Howat, G. 1978. "The Relationship between Commitment and Conflict Resolution Behavior". *Journal of Vocational Behavior*, 1–14.
- Lord, R.G. & Maher, K.J., 1993, Leadership and Information Processing: Linking Perceptions and Performance, Unwin Hyman, Boston, MA.
- Lowe, K. B., Kroeck, K. G., & Sivasubramaniam, N., 1996. "Occupational bias in construction management research." *Leadership Quarterly*, 7; 385 425.
- Magner, N., Welker, R. & Johnson, G., 1996. "The interactive effects of participation and outcome favourability on turnover intentions and evaluations of supervisors". *Journal of Occupational and Organizational Psychology*, 6, Part 2.

Marcoulides, G. A., & Hershberger, S. L., 1997. Multivariate statistical methods: a first

UNIVERSITI MALAYSIA SABAH

- Maslow, A., 1954. Motivation and personality, Harper, New York.
- Martin, B. J., 1990. "A successful approach to absenteeism", Nursing Management, 21; 45-8.
- Mobley, W. H., 1982. Employee turnover Causes, Consequences, and Control, Addison-Wesley, Reading. MA.
- Mowday, R. T., Steers, R. M. & Porter, L. M. 1979. "The Measurement of Organizational Commitment". *Journal of Vocational Behavior*, 27; 224-247.
- Padilla-Vellez, D. 1993. *Job satisfaction of vocational teachers in Puerto Rico*, The Ohio State University, OH, unpublished doctoral dissertation.
- Pearce, C. L., Sims, Jr., H. P., Cox, J., Ball, G., Schnell, E., Smith, K. A. & Trevino, L. 2000. Transactors, transformers, and beyond: a multi-method development of a theoretical typology of leadership. Working paper, University of Maryland.
- Price, J. L. 1977. The Study of Turnover. Ames. IA, Lowa State University Press.
- Price, J. L. 1997. Handbook of organizational measurement. Bradford, UK: MCB University Press.
- Rindskopf, D., & Rose, T., 1988. "Some theory and applications of confirmatory second-order factor analysis". *Multivariate Behavioral Research*, 23; 51–67.
- Royalty, J., 1996. "The effects of job turnover on the training of men and women". Industrial and Labor Relations Review, 49(2); 3-5.
- Shaw, J. D., Delery, J.E., Jenkins, G.D. & Gupta, N., 1998, "An organisation-level analysis of voluntary and involuntary turnover", Academy of Management Review, 41(5); 511-25.
- Sosik, J. J., & Godshalk, V., 2000. "Leadership styles, mentoring functions received, and job-related stress: A conceptual model and preliminary study". *Journal of Organizational Behavior*, 21; 365 390.
- Steel, R. & Ovalle, N., 1984. "A Review and Meta-analysis of Research on the Relationship between Behavior Intentions and Employee Turnover". Journal of Applied Psychology, 69; 673-686.
- Tejeda, M. J., Scandura, T. A., & Pillai, R., 2001. "The MLQ revisited: psychometric

UNIVERSI56IALAYSIA SABAH

- properties and recommendations". The Leadership Quarterly, 12; 31-52.
- Tepper, B. J., & Percy, P. M., 1994. "Structural validity of the Multifactor Leadership Questionnaire". Educational and Psychological Measurement, 54; 734–744.
- Tichy, N. M. & Devanna, M. A., 1990. *The transformational leader: The key to global competitiveness*, Wiley, New York.
- Tracey, J. B., & Hinkin, T. R., 1998. "Transformational leadership or effective managerial practices?", *Group and Organization Management*, 23; 220–236.
- Walumbwa, F. O., & Lawler, J. J., 2003. "Building effective organizations: Transformational leadership, collectivist orientation, work-related attitudes, and withdrawal behaviours in three emerging economies". *International Journal of Human Resource Management*, 14; 1083 - 1101.
- Wei Liu, Davide, P. L. Riki, T. & Henry, P. S., 2003. "Matching leadership styles with employment modes: strategic human resource management perspective." Human Resource Management Review, 13; 127-152.
- Yammarino, F. J., Spangler, W. D., & Bass, B. M., 1993. "Transformational leadership and performance: a longitudinal investigation". *The Leadership Quarterly*, 4; 81–108.
- Yuan, D. L., Chang, J & Huan, M. 2006, "Leadership Style and Innovation Ability: An Empirical Study of Taiwanese Wire and Cable Companies", The Journal of American Academy of Business, Cambridge, 9(2), September: 218-222.
- Yulk, G., 1999. "An evaluation of conceptual weakness in transformational and charismatic leadership theories". *Leadership Q.*, 10(2); 285-305.
- Zuber, A., 2001. "A career in food service cons: high turnover". Nations Restaurant News, 305(21); 147-148.



- properties and recommendations". The Leadership Quarterly, 12; 31-52.
- Tepper, B. J., & Percy, P. M., 1994. "Structural validity of the Multifactor Leadership Questionnaire". *Educational and Psychological Measurement*, 54; 734–744.
- Tichy, N. M. & Devanna, M. A., 1990. *The transformational leader: The key to global competitiveness*, Wiley, New York.
- Tracey, J. B., & Hinkin, T. R., 1998. "Transformational leadership or effective managerial practices?", *Group and Organization Management*, 23; 220–236.
- Walumbwa, F. O., & Lawler, J. J., 2003. "Building effective organizations: Transformational leadership, collectivist orientation, work-related attitudes, and withdrawal behaviours in three emerging economies". *International Journal of Human Resource Management*, 14; 1083 - 1101.
- Wei Liu, Davide, P. L. Riki, T. & Henry, P. S., 2003. "Matching leadership styles with employment modes: strategic human resource management perspective." Human Resource Management Review, 13; 127-152.
- Yammarino, F. J., Spangler, W. D., & Bass, B. M., 1993. "Transformational leadership and performance: a longitudinal investigation". *The Leadership Quarterly*, 4; 81–108.
- Yuan, D. L., Chang, J & Huan, M. 2006, "Leadership Style and Innovation Ability: An Empirical Study of Taiwanese Wire and Cable Companies", The Journal of American Academy of Business, Cambridge, 9(2), September; 218-222.
- Yulk, G., 1999. "An evaluiation of conceptual weakness in transformational and charismatic leadership theories". *Leadership Q.*, 10(2); 285-305.
- Zuber, A., 2001. "A career in food service cons: high turnover". Nations Restaurant News, 305(21); 147-148.

