ORGANIZATIONAL LEARNING CULTURE AND PERCEIVED ORGANIZATIONAL SUPPORT AS ANTECEDENTS OF EMPLOYEES' JOB RELATED OUTCOMES

TALAT ISLAM

A thesis submitted in the fulfilment of the requirements for the award of the degree of Doctor of Philosophy (Management)

Faculty of Management Universiti Teknologi Malaysia

SEPTEMBER 2014

Dedication to my family

&

Teachers

ACKNOWLEDGEMENT

I owe myself to ALLAH (Subhanahu Wa Taala) who grant me opportunity to complete my research work with good health. I owe every breath of my life to Him. It will not be justice to his blessings to say that 'today what I am just because of Him' because I owe every breath of my life to Him.

I owe a valuable debt to those who make possible for me to complete this research. First of all I am indebted to my honorable supervisors Dr. Saif ur Rehman Khan and Dr. Ungku Norulkamar Bt. Ungku Ahmad for their unconditional support. I always found their words as a source of motivation, encouragement, appreciation and support. Their unconditional generous support makes this feat possible to complete in time.

I also owe my praises and best wishes for all those who supported me in accomplishing each and every task of my thesis. Thanks to my family for their support and encouragement. I am highly thankful to my brothers (Muhammad Tayyab, Muhammad Tahir and Tariq Islam) and teachers (Dr. Ghulam Ali and Dr. Ishfaq Ahmed) for their financial and non-financial support. I always found Dr. Ishfaq Ahmed and Dr. Ghulam Ali as supportive hand and motivator. They not only bear my mischievous behavior, but also helped me in accomplishing this study. I am also grateful to Mr. Fayyaz Aslam for his kind support at the final stage of thesis submission.

It will be injustice not to mention the name of my friends Zia ul Haq, Hafiz Muhammad Afzal, Imran Latif, Qasim Saeed and Ibrahim Akhrar for their encouragement appreciation and uncountable prayers.

ABSTRACT

This study investigates organizational learning culture and perceived organizational support as antecedents of employees' job related outcome. The study includes two types of outcomes i.e. behavioral and attitudinal. In this study, attitudinal outcomes include job satisfaction, organizational commitment and turnover intention, while behavioral outcome includes organizational citizenship behavior. In addition, this study also investigates the mediation effect of these job related outcomes on the relationship between organizational learning culture and turnover intention and on the relationship between perceived organizational support and turnover intention. Based on a sample of 1340 banking employees of Pakistan, 758 employees responded to the questionnaires. The sample was selected using a multi stage sampling technique. A structural equation modeling was applied to analyze the data. Organizational learning culture was found as an antecedent of job satisfaction, affective commitment, normative commitment and continuance commitment, while perceived organizational support was found as an antecedent of job satisfaction, affective and normative commitment. Additionally, job satisfaction, affective commitment, normative commitment and organizational citizenship behavior towards organization were found to perform the role of mediator between organizational learning culture and turnover intention and perceived organizational support and turnover intention. The results highlight that both organizational learning culture and perceived organizational support are essential in reducing employees' turnover intention in Pakistani banking sector.

ABSTRAK

Kajian ini mengkaji budaya pembelajaran organisasi dan persepsi sokongan organisasi sebagai penyebab kepada hasil berkaitan kerja pekerja. Kajian ini meliputi dua jenis hasil iaitu tingkah laku dan sikap. Dalam kajian ini, hasil berdasarkan sikap meliputi kepuasan kerja, komitmen organisasi dan kecenderungan berhenti kerja, manakala, hasil berdasarkan tingkah laku merangkumi tingkah laku kewargaan organisasi. Selain itu, kajian ini juga meninjau kesan perantara hasil berkaitan kerja pekerja ke atas hubungan antara budaya pembelajaran organisasi dan kecenderungan berhenti kerja dan ke atas hubungan antara persepsi sokongan organisasi dan kecenderungan berhenti kerja. Berdasarkan sampel sebanyak 1340 pekerja bank dari Pakistan, seramai 758 pekerja telah menjawab soal-selidik kajian. Saiz sampel dipilih dengan menggunakan teknik persampelan pelbagai peringkat. Kaedah analisis Structural Equation Modeling telah digunakan untuk menganalisis data. Budaya pembelajaran organisasi didapati sebagai penyebab kepada kepuasan kerja, komitmen afektif, komitmen normatif dan komitmen berterusan, manakala persepsi sokongan organisasi didapati merupakan penyebab kepada kepuasan kerja, komitmen afektif dan komitmen normatif. Selain itu, kepuasan kerja, komitmen afektif, komitmen normatif dan tingkah laku kewargaan organisasi didapati berperanan sebagai perantara antara budaya pembelajaran organisasi dan kecenderungan berhenti kerja dan antara persepsi sokongan organisasi dan niat pusing ganti kerja. Dapatan kajian ini menunjukkan budaya pembelajaran organisasi dan persepsi sokongan organisasi adalah penting dalam mengurangkan kecenderungan berhenti kerja di kalangan pekerja di sektor perbankan di Pakistan.

TABLE OF CONTENTS

CHAPTER		TITLE	PAGE		
	DEC	LARATION	ii		
	DED	ICATION	iii		
	ACK	NOWLEDGEMENT	iv		
	ABSTRACT ABSTRAK				
	TAB	LE OF CONTENTS	vii		
	LIST	OF TABLES	xiv		
	LIST	OF FIGURES	xvi		
	LIST	OF ABBREVIATIONS	xviii		
	LIST	OF APPENDICES	xix		
1	INTE	1			
	1.1	Introduction of the Study	1		
	1.2	Background of the Study	4		
	1.3	Statement of Problem	7		
	1.4	Research Questions of the Study	13		
	1.5	Objectives of the study	13		
	1.6	Hypotheses of the study	14		
	1.7	Significance and Contribution of the study	15		
	1.8	Scope of the study	16		
	1.9	Operational Definitions of the Terms	17		
	1.10	Summary of the Chapter	20		
2	LITE	ERATURE REVIEW	21		
	2.1	Introduction	21		

2.2	Organi	izational Learning Culture: Theoretical Perspective	21		
	2.2.1	Concepts of Organizational Learning and Learning			
		Organization	22		
	2.2.2	Organizational Learning	22		
	2.2.3	Learning Organization	24		
	2.2.4	Difference between Organizational Learning and			
		Learning Organization	28		
2.3	Organi	izational Learning Culture (OLC)	29		
	2.3.1	Importance of Organizational Learning Culture	31		
2.4	Perceiv	ved Organizational Support: Theoretical Perspective	32		
	2.4.1	Concept of Perceived Organizational Support (POS)	32		
	2.4.2	Importance of Perceived Organizational Support	33		
	2.4.3	Theoretical Support of Perceived Organizational	34		
		Support			
		2.4.3.1 Theory of Social Exchange	34		
		2.4.3.2 Organizational Support Theory	37		
2.5	Job Satisfaction (JS)				
	2.5.1	Development of Job Satisfaction	41		
	2.5.2	Definitions of Job Satisfaction	41		
	2.5.3	Importance of Job Satisfaction	42		
2.6	Organi	izational Commitment (OC)	43		
	2.6.1	Development of Organizational Commitment	44		
	2.6.2	Definitions of Organizational Commitment	45		
		2.6.2.1 Affective Commitment	46		
		2.6.2.2 Normative Commitment	46		
		2.6.2.3 Continuous Commitment	47		
	2.6.3	Importance of Organizational Commitment	47		
2.7	Organi	izational Citizenship Behavior (OCB)	48		
	2.7.1	Development of Organizational Citizenship Behavior	49		
	2.7.2	Importance of Organizational Citizenship Behavior	53		
2.8	Turnov	ver Intention (TI)	54		
	2.8.1	Development in Turnover Intention	54		
	2.8.2	Definitions of Turnover Intention	54		
	2.8.3	Importance of Turnover Intention	55		
2.9	Hypotl	hesis Development	55		

		Culture and Job Satisfaction	56
	2.9.2	The Relationship between Organizational Learning	
		Culture and Organizational Commitment	57
	2.9.3	The Relationship between Organizational Learning	
		Culture and Organizational Citizenship Behavior	59
	2.9.4	The Relationship between Organizational Learning	
		Culture and Turnover Intention	61
	2.9.5	The Relationship between Perceived Organizational	
		Support and Job Satisfaction	62
	2.9.6	The Relationship between Perceived Organizational	
		Support and Organizational Commitment	64
	2.9.7	The Relationship between Perceived Organizational	
		Support and Organizational Citizenship Behavior	66
	2.9.8	The Relationship between Perceived Organizational	
		Support and Turnover Intention	67
	2.9.9	The Relationship between Organizational Learning	
		Culture, Job Satisfaction and Turnover Intention	69
	2.9.10	The Relationship between Organizational Learning	
		Culture, Organizational Commitment and Turnover	
		Intention	70
	2.9.11	The Relationship between Organizational Learning	
		Culture, Organizational Citizenship Behavior and	
		Turnover Intention	71
	2.9.12	The Relationship between Perceived Organizational	
		Support, Job Satisfaction and Turnover Intention	72
	2.9.13	The Relationship between Perceived Organizational	
		Support, Organizational Commitment and Turnover	
		Intention	73
	2.9.14	The Relationship between Perceived Organizational	
		Support, Organizational Citizenship Behavior and	
		Turnover Intention	74
2.10	Concep	otual Framework of the Study	75
2.11	Summa	ary of the Chapter	76

The Relationship between Organizational Learning

2.9.1

3	RES	EARCH	METHODOLOGY	77
	3.1	Introdu	action	77
	3.2	Resear	rch Design	77
		3.2.1	Research Approach	78
		3.2.2	Research Strategy	78
	3.3	Popula	ation and Sample of the Study	79
		3.3.1	Population	79
		3.3.2	Sample and Sampling Method	79
		3.3.3	Response Rate	80
	3.4	Data C	Collection Method	81
	3.5	Instrun	nent	82
		3.5.1	Independent Measures of the Study	82
			3.5.1.1 Organizational Learning Culture	82
			3.5.1.2 Perceived Organizational Support	83
		3.5.2	Mediating Measures of the Study	83
			3.5.2.1 Job Satisfaction	83
			3.5.2.2 Organizational Commitment	83
			3.5.2.3 Organizational Citizenship Behavior	84
		3.5.3	Dependent Measures of the Study	85
			3.5.3.1 Turnover Intention	85
		3.5.4	Pilot Testing	85
	3.6	Data A	analysis	86
		3.6.1	Initial Data Analysis Techniques	86
		3.6.2	Structural Equation Modeling (SEM) Application	87
		3.6.3	Two- Stages SEM Technique	87
			3.6.3.1 Stage- One (Measurement Model)	88
			3.6.3.2 Stage –Two (Structural Model)	92
		3.6.4	Assumptions for Structural Equation Modeling	92
			(SEM)	
			3.6.4.1 Sample Size	93
			3.6.4.2 Missing Values	93
			3.6.4.3 Data Normality	93
			3.6.4.4 Multivariate Outliers	94
			3.6.4.5 Theoretical Base for Causality	94
			3.6.4.6 Model Specification	94

		3.6.5	Controlle	d Variables	S			95
	3.6	Summa	ary of the C	Chapter				95
4	D.A.T.	A A B T A T	NOTO AND	D DECLU I	na .			0.6
4	DA 1 .4.1	A ANAL Introdu		D RESULT	18			96 96
	4.1			d Coding				96
			creening an	•				
	4.3			sing Values	;			97
	4.4		ariate Outli					97
	4.5	Data Normality Assessment Demographical Statistics				97		
	4.6	•	-					99
	4.7	-			rrelation among	g Variables	3	100
	4.8		_	n Modeling				101
	4.9	Measur	rement Mo	del (First S	tage)			101
		4.9.1	Assessme	ent of	Uni-dimens	sionality	(CFA	104
			Applicati	on)				
			4.9.1.1 C	Organization	nal Learning Cu	ılture		105
			4.9.1.2 P	erceived O	rganizational S	upport		106
			4.9.1.3 J	ob Satisfact	tion			107
			4.9.1.4 C	Organization	nal Commitmer	nt		108
			4.9.1.5 C	Organization	nal Citizenship	Behavior		109
			4.9.1.6 T	urnover In	tention			110
		4.9.2	Assessme	ent of Relia	bility and Valid	lity		110
	4.10	Testing	for Hypot	heses (Seco	ond Stage)			112
		4.10.1	Structura	l Model-1				112
			4.10.1.1	Path Remo	val and Fit Ind	ices for St	ructural	
			Model					114
		4.10.2	Structura	l Models fo	r Mediation Ar	nalysis		117
			4.10.2.1		tionship betwe	·	zational	
					Culture, Job	•		
				Turnover			on uno	119
			4.10.2.2		tionship betwe	en Organi	zational	11)
			1.10.2.2	Learning	Culture,	•	zational	
				C	ent and Turnov	C		120
			4 10 2 2					120
			4.10.2.3		tionship betwe	_		100
				Learning	Culture,	Organi	zational	123

			Citizenship Behavior and Turnover	
			Intention	
		4.10.2.4	The Relationship between Perceived	
			Organizational Support, Job Satisfaction	
			and Turnover Intention	125
		4.10.2.5	The Relationship between Perceived	
			Organizational Support, Organizational	
			Commitment and Turnover Intention	126
		4.10.2.6	The Relationship between Perceived	
			Organizational Support, Organizational	
			Citizenship Behavior and Turnover	
			Intention	129
	4.11	Results for Hypo	theses Testing	131
	4.12	Summary of the	Chapter	132
5	DISC	CUSSION AND CO	ONCLUSION	133
	5.1	Introduction		133
	5.2	Summary of the l	Results	133
	5.3	Discussion on fin	adings	135
		5.3.1 Outcome	es of Organizational Learning Culture (RO1)	135
		5.3.2 Outcome	es of Perceived Organizational Support	138
		(RO2)		
		5.3.3 Mediatir	ng Effects of Organizational Learning Culture	
		on Turno	over Intention (RO3)	141
		5.3.4 Mediatir	ng Effects of Perceived Organizational	
		Support	on Turnover Intention (RO4)	143
	5.4	Implications of th	ne study	145
		5.4.1 Theoreti	cal Implications	145
		5.4.2 Practical	Implications	147
	5.5	Recommendation	ns for Organizations	148
	5.6	Limitations of the	e study	149
		5.6.1 Recomm	nendations for Future Researcher	150
	5.7	Conclusion		151

REFERENCES	153
Appendices A-G	194-225

xiii

LIST OF TABLES

TABLE NO.	TITLE	PAGE
2.1	Definitions of Learning Organization with Key Elements	25
2.2	Dissimilarity between 'organizational learning' and	
	'learning organization'	28
3.1	Banks with Number of Employees in Selected Cities of	
	Pakistan	80
3.2	Effective Response Rate	81
3.3	Comparison of Research Design with Previous Studies	86
3.4	Cronbach's Alpha Values	90
4.1	Demographical Characteristics of Respondents	99
4.2	Descriptive Statistics and Correlation Analysis	102
4.3	Standardized values for Model Fit	105
4.4	Evaluation of Measurement Model	111
4.5	Results of Hypotheses Testing	114
4.6	Indices of Structural Models	115
4.7	Hypothesized Mediation Relations and its Results	119
4.8	Path Analysis Outcomes for OLC-JS-TI	120
4.9	Path Analysis Outcomes for OLC-AC-TI	121
4.10	Path Analysis Outcomes for OLC-NC-TI	122
4.11	Path Analysis Outcomes for OLC-CC-TI	123
4.12	Path Analysis Outcomes for OLC-OCBI-TI	124
4.13	Path Analysis Outcomes for OLC-OCBO-TI	124
4.14	Path Analysis Outcomes for POS-JS-TI	125
4.15	Path Analysis Outcomes for POS-AC-TI	127
4.16	Path Analysis Outcomes for POS-NC-TI	127

4.17	Path Analysis Outcomes for POS-CC-TI	128
4.18	Path Analysis Outcomes for POS-OCBI-TI	129
4.19	Path Analysis Outcomes for POS-OCBO-TI	130
4.20	Results of Hypotheses Testing	131
5.1	Hypothesized Associations of OLC	135
5.2	Hypothesized Associations of POS	139
5.3	Hypothesized Mediating Associations between OLC and	
	TI	142
5.4	Hypothesized Mediating Associations between POS and	
	TI	144

LIST OF FIGURES

FIGURE NO.	TITLE	PAGE
2.1	Conceptual Model of the study	77
3.1	Two-Stage SEM	88
3.2	Approaches of Uni-dimensionality	89
4.1	Residual Histogram for OLC and AC	98
4.2	P-Plot for AC	98
4.3	CFA Measurement Model for OLC	106
4.4	CFA Measurement Model for POS	107
4.5	CFA Measurement Model for JS	107
4.6	CFA Measurement Model for OC	108
4.7	CFA Measurement Model for OCB	109
4.8	CFA Measurement Model for TI	110
4.9	Hypothesized Structural Model-1	113
4.10	Hypothesized Structural Model 16- Final	116
4.11	Mediation Model	118
4.12	Mediation Analysis OLC-JS-TI	120
4.13	Mediation Analysis OLC-AC-TI	121
4.14	Mediation Analysis OLC-NC-TI	122
4.15	Mediation Analysis OLC-CC-TI	122
4.16	Mediation Analysis OLC-OCBI-TI	123
4.17	Mediation Analysis OLC-OCBO-TI	124
4.18	Mediation Analysis POS-JS-TI	125
4.19	Mediation Analysis POS-AC-TI	126
4.20	Mediation Analysis POS-NC-TI	127
4.21	Mediation Analysis POS-CC-TI	128

		xvii
4.22	Mediation Analysis POS-OCBI-TI	129
4.23	Mediation Analysis POS-OCBO-TI	130

xviii

LIST OF ABBREVIATIONS

POS - Perceived Organizational Support

OLC - Organizational Learning Culture

TI - Turnover Intention

OCB - Organizational Citizenship Behavior

OCBO - Organizational Citizenship Behavior

towards Organization

OCBI - Organizational Citizenship Behavior

towards Individual

JS - Job Satisfaction

OC - Organizational Commitment

AF - Affective Commitment
NC - Normative Commitment

CC - Continuance Commitment

OST - Organizational Support Theory

LIST OF APPENDICES

APPENDIX	TITLE	PAGE
A	Covering Letter and Consent Form	195
В	Questionnaire	196
1C	Missing values with Number and Percentage	199
2C	Paired sample t-test	200
3C	The Wilcoxon Test Statistics	201
4C	Residual Histogram and P- Plots of the variables	202
5C	Data Normality (Skewness & Kurtosis values)	205
D	Structural Models of the Study	206
E	Mediation Models of the Study	215
F	List of Banks	222
G	List of Publications	223

CHAPTER 1

INTRODUCTION

1.1 Introduction of the Study

Recent past has witnessed enormous changes in business operational tactics. The main reason behind this shift is change in nature of business field. Now organizations are working beyond their boundaries where they have to compete globally, adopt technological changes, operate in different culture, and offer customized products and services (Chen, 2010). Organizations have to confront and espouse these changes in order to survive and grow in the competitive world of today (Singh and Singh, 2010). To remain competitive and strive, organizations are now improving their efficiency in handling and utilizing their resources (Chen, 2010; Singh and Singh, 2010). Organizations mainly hold three forms of resource i.e. human, financial and physical resources. The best combination of all these resources can only work well in new business world order. But it is believed that human resources are most vital assets for an organization because of their ability to lead organizational effectiveness (Bowen and Ostroff, 2004).

Considering the importance of human resource in gaining competitive edge, organizations always strive to hire and retain best workforce. However, getting talented faces or retaining them is a big challenge for organizations of today (Macey *et al.*, 2009). Competition has not only increased operational challenge, but it has also enhanced demand for 'quality workers'. Organizations spend massive budgets in order to hire and retain best workforce (Ballot *et al.*, 2006). Now organizations spend lots of money on training their workforce in order to make them competitive

labor force, which could meet current and future challenges faced by organizations (Kim and Lee, 2011). Thite (2012) and Lado and Wilson (1994) while signifying the importance of investment in human resource commented that this investment not only makes employees competent enough to meet the current and future challenges, but also has a positive effect on organizational overall performance and culture. Marsick and Watkins (2003) commented that organizations reap these benefits because the amount of investment made in human resource creates a culture of learning that is continuous and never ending process.

An organization where learning is considered the prime motive and where there is an opportunity for continuous learning is called learning organization (Islam *et al.*, 2012; Senge, 1990). Presence of learning culture in organization leaves positive image in the minds of employees. They feel that organization provides them opportunities to prepare them for future challenges which ultimately increase employees' market worth (Garvin, 1993). While signifying organizational culture, Swanson and Holton (2001) stated that the presence of learning culture creates a sense of idea and knowledge sharing. Such learning and sharing culture not only increases positive job attitudes e.g. job satisfaction (Islam *et al.*, 2013; Lee-Kelly *et al.*, 2007), commitment (Joo, 2010; Lim, 2010), performance (Egan *et al.*, 2004); but also reduces negative job attitudes e.g. turnover intention (Islam *et al.*, 2014; Lee-Kelly *et al.*, 2007).

While explaining the relationship of learning organization culture and employees' job attitudes and behaviors, Noe *et al.*, (2005) further probed that when employees are psychologically distressed with their jobs, they should be given an open environment to share themselves and learn from others' experiences. And if the major reasons behind this dissatisfaction are culture or employer itself, organizations have to work even at more exigent grounds in order to win their employees' commitment (Mowday *et al.*, 1982). Thus, it can be observed that presence of learning culture in an organization can offer many attitudinal and organizational benefits.

Relationship of learning culture and attitudinal outcomes could be supported with the "social exchange theory" of Blau (1964). This theory suggests that there exists an exchange relation between parties, when one party offers something valuable which is liked by other party, the receiving party returns that favor or benefit with something of same or even higher worth. Gouldner (1960) called it the concept of "reciprocation", which means that receiving or getting benefits from other person creates a moral obligation on receiving party to return it with some valuable favors. When employees feel that they are provided with learning opportunities, they will reciprocate it with positive job behaviors and attitudes (Ahmed *et al.*, 2013; Islam *et al.*, 2013).

However, it is not only the provision of learning culture that could win positive job attitudes of employees, rather organizations have to offer all-round support (organizational support) (Ahmed et al., 2012). While looking at the concept of organizational support, Eisenberger et al., (1986) commented that it is one of the important psychological determinants of positive employee attitudes. Perceived organizational support refers to care, affection and love offered by organization towards its employees (Rhoades and Eisenberger, 2002). Organizational support theory becomes the base for perceived organizational support (POS) (Eisenberger et al., 1997). Organizational support theory proposes that employees always reciprocate positively when they feel that they are helped by their organization. Rhoades and Eisenberger (2002) are of the view that, employees' feel or being supported by the organization only depends upon the fulfillment of their socioemotional needs. Thus, provision of organizational support will positively predict employees' job related behaviors e.g. satisfaction (Ahmed, 2014; Cheng et al., 2013; Cullin et al., 2014; Gillet et al., 2013), commitment (Marique et al., 2013; Ngo et al., 2013; Jakobsen and Andersen, 2013; Wong et al., 2012), turnover intention (Cheng et al., 2013; Hechanova, 2013; Ngo et al., 2013), organizational citizenship behavior (Cheung, 2013; Elstad et al., 2013; Chiang et al., 2013), productivity (Wickramasinghe and Perera, 2012) and performance (Park and Rainey, 2007).

How both learning culture and support work in an organization to create positive work environment by positively influencing job attitudes and behaviors is the main stay of this research endeavor. The following section covers the background of the concepts and their association, which will ultimately help to reach the problem statement.

1.2 Background of the Study

A famous book "The fifth discipline", written by Senge (1990), popularized a new idea "learning organization", but the philosophy of organizational learning was first expounded by Chris Argyris and Kurt Lewin almost sixty years ago in 1930's. Nevertheless, the idea of organizational learning can be tracked back much earlier from the study of Lev Semenovich Vygotsky about children's education (Franco and Almeida, 2011). To identify the environmental, organizational and human characteristics, researchers in 1960's emphasized the importance to study interaction between organizational learning and individuals. The main reason behind this was to determine those characteristics which could not only affect individual's learning, but also forecasting learning situations (Cangelosi and Dill, 1965). Therefore, in the 1970's, individuals become the unit of analysis for the organizational learning. Expanding the same study, another idea "learning as an important organizational process" was proposed by Argyris and Schon (1978). In addition to this, they also introduced two concepts of learning i.e. double loop learning and single loop Hedberg (1981) raised a point that organizational learning is not only learning. confined to individuals but also at group and organizational level. Hedberg's study raised a question about selection of unit of analysis for learning in organization (Crossan et al., 1995).

In today's era, many researchers have evinced complexity and multilateral characters of organizational learning which were not traditionally considered as dynamic process, but as result (Lieberman, 1987). Consequently, organizational change become the main focus of organizational learning and the terms change and adoption starts being use arbitrarily to describe the process by which organizations regulate themselves to environments (Sher and Lee, 2004; Ipe, 2003). Similarly,

Pedler *et al.*, (1989) avowed that learning organization not only facilitate the learning of all individuals, but also transform itself on continuous basis.

Over the years, literature on the topic of organizational learning was afflicted by researchers debating on its ambiguities (Popper and Lipshitz, 2000). However, Senge (1990) determined this concept by showing a practical way to organizations for learning. Senge's study emerged a new concept "learning organization", "an organization that deliberately develop strategies to encourage learning" (p. 3). Since then, the topics of learning organization and organizational learning, have captured the researcher's interest and become inspiring catch all in the field of HR development and management (Sun, 2003).

Senge (1990) defined learning organizations as "a place where people continuously expand their capacity to create the results they truly desire, where collective aspiration is set free, where new and expansive patterns of thinking are nurtured, and where people are constantly learning to see the whole together" (p. 3). Such organizations are suppler, adaptive and able to improve the organizational performance through tapping the individual learning (Rijal, 2010). Similarly, some argued that, learning organizations are prearranged in such a way that collaboration, knowledge process, team work, creativity and sharing of information have a cooperative (combined) meaning and value (Confessore and Kops, 1998; Jones, 1995). Sharing of information and knowledge process means making of knowledge available and understandable for other individuals (Kolb, 1984). On the other hand, the ability to amass and use information is obligatory to alter individuals' behaviors and it proves to be the pillar of effectiveness of learning organization (Salm and Amboni, 1997). Therefore, knowledge and information should be available for all collaborators in the organization.

Emphasizing the importance of collaborator's relations and incorporation in a specific organizational environment researchers added cultural perspective of learning organization (Brown and Duguid, 1991; Cook and Yanow, 1993). According to Roberts (1970), culture signifies the norms and shared values that combine individuals of an organization as an entity. The culture of an organization

shows itself as knowledge patterns (Schein, 1993). As all the individuals need to share organizational values therefore, culture is considered as a base for learning organization (Lopez-Salazar and Lopez-Sanchez, 2001).

According to Wang (2005), the term organizational learning culture (OLC) is used for learning organizations in cultural context. Learning culture in organizations create such environment which supports desired work related outcomes (Marsick and Watkins, 2003) such as performance, employees' satisfaction towards his/her job, commitment towards organization and reduced turnover intention (e.g. Islam *et al.*, 2014; Islam *et al.*, 2013; Wang 2005; Ellinger *et al.*, 2003; Egan *et al.*, 2004). For instance, discussing the importance of job satisfaction in learning organizations, Dirani (2009) and Lim (2010) found high correlation between OLC and job satisfaction. While, Jo and Joo (2011) and Hsu (2009) found enhanced organizational commitment and reduced turnover intention as consequent of OLC. Therefore, the importance of organizational learning culture cannot be ignored because of its desired positive results created capacity (Egan *et al.*, 2004; Marsick and Watkins, 2003).

Recent literature identifies that organizational leaning culture is not free from exchange relations. For instance, Ahmed *et al.*, (2013) pointed that in learning organizations employees share their information with other employees which creates a learning environment. When employees perceive that their organization is providing them with such environment where they can learn continuously, they try to reciprocate in further enhancing learning culture (Islam *et al.*, 2013). Eisenberger's (1986) organizational support theory also supports the above arguments that employees' perception of learning environment reciprocates positive job related outcomes. Organizational support is defined as "an employee's perception that the organization values his or her contribution and cares about the employee's well-being" (Eisenberger *et al.*, 1986). This theory was presented by Eisenberger and colleagues on the basis of Blau's (1964) "social exchange theory".

The role of employees' perceptions of organizational support is also pivotal in contributing towards their work related outcomes. Some of the outcomes, such as

turnover intention (TI), organizational commitment (OC) i.e. employees' continuance commitment (CC), affective commitment (AC) and normative commitment (NC), individual related and organizational related citizenship behavior (OCBI & OCBO) and job satisfaction (JS) are of much importance because these helps an organization to accomplish its stated goals. Researchers have identified that perceived organizational support is the common predictor for all these vital constructs. Discussing and exploring perceived organizational support, researchers have identified it to increase employee's job satisfaction (e.g. Ahmed, 2014; Cheng et al., 2013; Cullin et al., 2013; Gillet et al., 2013), organizational commitment (e.g. Marique et al., 2013; Ngo et al., 2013; Jakobsen and Andersen 2013), organizational citizenship behaviors (e.g. Cheung, 2013; Elstad et al., 2013; Chiang et al., 2013) and reduction of turnover intention (e.g. Cheng et al., 2013; Hechanova, 2013; Ngo et al., 2013). Despite the ample of literature, there still exists loophole because earlier studies have examined these work related outcomes as whole, but not dimensionally except few. Therefore, it is of worth to study organizational learning culture and perceived organizational support as antecedents of employee's work related outcomes (i.e. job satisfaction, citizenship behavior, commitment towards organization and turnover intention).

1.3 Statement of Problem

Most of the developed countries have shifted their economy from manufacturing sector towards service sector (Islam, 2011; Shuck *et al.*, 2011) as service sectors contribute 73 percent and 53 percent in the GDP of developed and developing countries respectively (Ahmed and Ahsan, 2011). In the case of Pakistan, service sector is contributing one third in employment and 54 percent in GDP. Eighteen percent of this service sector's contribution in GDP is because of the banking sector (Economic Survey of Pakistan, 2012). In Pakistan, all the activities regarding banking sector (i.e. private or public) are monitored by State Bank of Pakistan (SBP). A total of 34 commercial banks (including 4 public, 18 private, 7 foreign and 5 specialized) are working under supervision of SBP (www.sbp.org.pk).

According to Ali (2014), global financial crises of 2007 badly damaged the financial sector (especially banks), but Pakistani banks were the only that continued to survive. This growth has welcomed competition by attracting foreign banks (Hanif and Kamal, 2009) who started their practices as private banks. Thus, to remain competitive has become prime consideration for banks. To gain competitiveness, organizations not only need to grasp all available resources (i.e. human, financial and physical), but to use them well. A best combination of all these resources can only work well in new business world order. But, it is believed that human resources are most vital assets for an organization (Bowen and Ostroff, 2004).

Every bank aims to compete by having best combination of human resource through becoming employer of choice since they have realized the importance of skilled human resource (Islam *et al.*, 2013). To have best human resource, many banks have started hiring professionals from their rivals by offering them high remuneration, learning opportunities and carrier growth as compared to the public banks (Hyder and Reilly, 2005). According to the statistical values published in the annual report of State Bank of Pakistan 2011-12, almost 24 percent of the employees resign from their jobs. This high rate of employee turnover has become a challenge for HR practitioners (Khan *et al.*, 2011).

The problem of turnover intention has raised the need to investigate this issue in the banking sector (Tenbrink, 2012). Furthermore, it is noticed that turnover not only resulted in loss of talented employee, but also increase recruitment cost (Abbasi and Hollman, 2000). Robbins (2005) commented that new recruitment costs an organization 10 times more as to retain. Failure to retain employee has fatal consequences for the organizations, thus, it is important for the HR practitioners to overcome this issue.

Employees' turnover intention can be predicted by organizational and individual factors and among these organizational factors are of most important (Francis, 2012). Suffice to say, employees' intention to leave the organization depends upon their perception of organization (Alfes *et al.*, 2013). While looking at organizational factors, organizational learning culture and perceived organizational

support are of most significance (Ahmed, 2014; Islam *et al.*, 2014; Alfes *et al.*, 2013; Muse and Wadsworth, 2012) because of their influence on positive job related outcomes (i.e. attitudinal and behavioral outcomes).

According to Shuck *et al.*, (2011), employees' low level of emotional and psychological attachment results turnover intention. Turnover intention occurs when employee feel that there is lack of emotional binding with the organization (Saks, 2011). But, if organization enabled to influence employees' perception about organizational support (Ahmed, 2014) and learning environment (Islam *et al.*, 2014) then it can conquer the issue of turnover intention. The current study also assumed that the problem of turnover intention among banking employees of Pakistan can be reduced by organizational support and provision of learning culture.

Organizational learning culture (OLC) is the fastest growing construct in the field of management and HR development for last decade, because of its ability to lead to organizational effectiveness (Hsu, 2009). Lopenz-Salazar and Lopez-Sanchez (2001) highlighted the significance of culture for a learning organization and argued that it's the base for a learning organization because all human resource wishes to contribute towards organizational values. Thus, creation of culture should be based on learning (Goh, 1998). Numerous researchers have developed theoretical and conceptual models regarding OLC and organizational outcomes (e.g. Kuchinke, 1995; Kontoghiorghes et al., 2005), While some have developed models regarding employee's work related outcomes, such as employee's turnover intentions, their satisfaction with the job, and their commitment towards organization (e.g. Islam et at., 2014, 2013; Pantouvakis and Bouranta, 2013). Recently, Pantouvakis and Bouranta (2013) and Jo and Lim (2009) asserted that there is still need to study organizational learning culture with employee's attitudes and behaviors as learning is found to have positive influence on employee job attitudes and behaviors. In addition, these attitudes directly influence organizational performance and effectiveness. Amongst these outcomes, extra role behavior is of equal importance and one of the under investigated area (Jo and Joo, 2011).

Relationship of organizational learning culture and attitudinal outcomes could be supported with the "social exchange theory" of Blau (1964). This theory suggests that there exists an exchange relation between parties. When one party offers something valuable which is liked by other party, the receiving party returns that favor or benefit with something of the same or even higher worth. Gouldner (1960) called it the concept of "reciprocation", which means that receiving or getting benefits from other person creates a moral obligation on the receiving party to return it with some valuable favors. When employees feel that they are provided with learning opportunities, they will reciprocate it with positive job behaviors and attitudes (Ahmed *et al.*, 2013; Islam *et al.*, 2013). Thus, the current study aims to investigate this issue by probing following research question:

RQ1: Does organizational learning culture directly influence employees' job related outcomes i.e. job satisfaction, organizational commitment, organizational citizenship behavior and turnover intention among the banking employees of Pakistan?

It is not only the learning environment that reciprocates positive job behaviors and attitudes; rather employees' perception of organizational support (POS) is evenly important (Ahmed, 2014). This notion is further supported by Eisenberger's et al., (1986) theory of "organizational support". This theory believed that when organization offer support, employee feel it a favor from organizational perspective in term of support (Rhoades and Eisenberger, 2002). According to Wang et al., (2012), employees reciprocate organizational support in shape of positive job attitudes (i.e. commitment, satisfaction and reduced turnover intention) and behaviors (i.e. citizenship behavior). Researchers have identified that perceived organizational support is the common predictor for all these vital constructs. Discussing and exploring perceived organizational support, researchers have identified it to increase employee's job satisfaction (Ahmed, 2014; Cheng et al., 2013), organizational commitment (Marique et al., 2013; Ngo et al., 2013), organizational citizenship behaviors (Cheung, 2013; Elstad et al., 2013) and reduced of turnover intention (Cheng et al., 2013; Hechanova, 2013). Although attempts in past were made to dig deeper into work related outcomes, yet there are unexamined

opportunities like looking at the concept dimensionally. Thus, it can be inferred that POS directly influence employees job related outcomes, which is probed with the following research question:

RQ2: Does perceived organizational support directly influence employee's job related outcomes i.e. job satisfaction, organizational commitment, organizational citizenship behavior and turnover intention among the banking employees of Pakistan?

Somech and Drach-Zahavy (2004) are of the view that learning organizations provide such an environment which enables individuals to focus on continuous improvement rather than immediate outcomes. Such learning principles change employees' perceptions of their tasks, as they feel themselves responsible to work Social exchange theory is also of the view that individuals beyond their job. reciprocate organizational support (which they perceive through learning environment) with positive attitudes and behaviors. On the other hand, employees turnover is a big issue in current dynamic business environment (Cascio, 2006), and hence, researchers have identified that commitment, citizenship behaviors and job satisfaction helps employees to be with and in the organization (Joo, 2010; Yi and Lee, 2012; Loo, 2010; Calisir, et al., 2011) but, how these variables perform as mediator between OLC and employees' turnover intention needs to explore more because so much has not been explored in this regard except few (Joo, 2010; Egan, et al., 2004). Thus, it can be inferred that OLC indirectly influence turnover intention through employees' job related outcomes, which is probed with the following research question:

RQ3: Do job satisfaction, organizational commitment, organizational citizenship behaviors mediate the relationship between organizational learning culture and turnover intention among the banking employees of Pakistan?

Perceptions of organizational support leads towards increased citizenship feelings for both individuals (OCB-I) and organization (OCB-O) (Chiang and Hsieh, 2012; Wickramasinghe and Perera, 2012), Job satisfaction (Tekleab and Chiaburu,

2011; Filipova, 2011), reduce employee's turnover intention (Newman, Thanacoody, and Hui, 2012; Yew, 2011) and enhance individual's commitment towards their organizations (Khurram, 2009; Pepe, 2010). In a recent study, Wong, Wong and Ngo (2012) proposed that there is still need to investigate employee's commitment, satisfaction and intentions not to leave current organization, as these are considerations for every organization to meet the rising challenges. The study will also investigate how perceived organizational support helps employees to reduce their intentions to leave the organization indirectly through job satisfaction, citizenship behaviors and organizational commitment as so much has not been explored in this regard except few (Galletta et al., 2011; Carl, et al., 2007; Loi, et al., 2006). Carl et al., (2007) investigate the indirect influence of AC and NC on the relationship between POS and employees intention to leave the organization considering the call of Loi et al., (2006) who suggested studying the mediating impact of three dimensional commitment. To explore the mediating role of continuance commitment is still need to be investigated. Thus, it can be inferred that POS indirectly influence turnover intention through employees' job related outcomes, which is probed with the following research question:

RQ4: Do job satisfaction, organizational commitment, organizational citizenship behaviors mediate the relationship between perceptions of organizational support and turnover intention among the banking employees of Pakistan?

Conclusively, the present study aimed to investigate the problem of turnover intention among Pakistani banking sector. Earlier studies have focused on reward, recognition and pay in reducing employee turnover intention, but OLC and POS are among those aspects which have not been a frequent part of earlier studies to address this problem. In addition, the present study also aimed to investigate the same issue through mediation variables (i.e. Job satisfaction, commitment and citizenship behavior).

1. 4 Research Questions of the Study

The present study is intended to look at the role of OLC and POS on employee's job satisfaction, commitment towards organization, citizenship behavior and turnover intention among the banking employees of Pakistan. Research questions of the study are:

- 1 Does organizational learning culture directly influence employees' job related outcomes i.e. job satisfaction, organizational commitment, organizational citizenship behavior and turnover intention among the banking employees of Pakistan?
- Does perceived organizational support directly influence employee's job related outcomes i.e. job satisfaction, organizational commitment, organizational citizenship behavior and turnover intention among the banking employees of Pakistan?
- 3 Do job satisfaction, organizational commitment, organizational citizenship behaviors mediate the relationship between organizational learning culture and turnover intention among the banking employees of Pakistan?
- 4 Do job satisfaction, organizational commitment, organizational citizenship behaviors mediate the relationship between perceptions of organizational support and turnover intention among the banking employees of Pakistan?

1.5 Objectives of the Study

The present study is intended to achieve the following objectives:

1 To examine the direct influence of organizational learning culture on employees' job related outcomes i.e. job satisfaction, organizational

commitment, organizational citizenship behavior and turnover intention among the banking employees of Pakistan.

- 2 To examine the direct influence of perceived organizational support on employees' job related outcomes i.e. job satisfaction, organizational commitment, organizational citizenship behavior and turnover intention among the banking employees of Pakistan.
- 3 To examine job satisfaction, organizational commitment, organizational citizenship behaviors mediate the relationship between organizational learning culture and turnover intention among the banking employees of Pakistan.
- 4 To examine job satisfaction, organizational commitment, organizational citizenship behaviors mediate the relationship between perceptions of organizational support and turnover intention among the banking employees of Pakistan.

1.6 Hypotheses of the Study

In accordance with research questions and objectives the current study would test the following hypothesis:

- H1: OLC is positively associated with JS among banking employees of Pakistan.
- H2: OLC is positively associated with OC (Affective **H2a**, Normative **H2b** and continuance commitment **H2c**) among banking employees of Pakistan.
- H3: OLC is positively associated with OCB (OCBO **H3a** and OCBI **H3b**) among banking employees of Pakistan.
- H4: OLC is negatively associated with TI among banking employees of Pakistan.
- H5: POS is positively associated with JS among banking employees of Pakistan.
- H6: POS is positively associated with OC (Affective **H6a**, Normative **H6b** and continuance commitment **H6c**) among banking employees of Pakistan.

- H7: POS is positively associated with OCB (OCBO **H7a** and OCBI **H7b**) among banking employees of Pakistan.
- H8: POS is negatively associated with TI among banking employees of Pakistan.
- H9: JS mediate the association between OLC and TI among banking employees of Pakistan.
- H10: OC (Affective **H10a**, Normative **H10b** and continuance commitment **H10c**) mediate the association between OLC and TI among banking employees of Pakistan.
- H11: OCB (OCBO **17a** and OCBI **H11b**) mediate the association between OLC and TI among banking employees of Pakistan.
- H12: JS mediate the association between POS and TI among banking employees of Pakistan.
- H13: OC (Affective **H13a**, Normative **H13b** and continuance commitment **H13c**) mediate the association between POS and TI among banking employees of Pakistan.
- H14: OCB (OCBO **14a** and OCBI **H14b**) mediate the association between POS and TI among banking employees of Pakistan.

1.7 Significance and Contribution of the Study

The present study contributes theoretically and practically in the field of HR management and organizational behavior (OB). Theoretically this study contributes how OLC and POS impact on employee's intention to leave the organization through their commitment towards organization, satisfaction with their job and citizenship behavior in the service sector. Servicing sector is the fastest growing sector in the world because of its remarkable contribution in the country's gross domestic products (Ahmed and Ahsan, 2011). While in case of Pakistan, this sector is contributing one third in employment and 54 percent in gross domestic product. However, now days it has become difficult for organizations to retain its skilled employee because banks are hiring best men from their rival banks. This issue has created huge problem for the HR managers regarding high cost of employee's retention. To retain the skilled employees some organizations are paying attention

towards promotions, rewards, recognitions, growth opportunity and training etc. (Perryer *et al.*, 2010). While other are trying to retain them through better environment (Islam *et al.*, 2012). Organizational learning culture and organizational support are amongst those factors which have not yet been considered by managers to retain its key employees. These aspects might help HR practitioners to resolve this issue.

Organizational learning culture and perceived organizational support consequent positive employees attitudes such as, JS, OC and turnover intention. Ample of literature is available regarding JS, OC and OCB, but very few of them have studied their relationship with organizational learning culture and perceived organizational support. In addition to this, still there exists a loop hole because such relations have not been tested indirectly earlier. The present study contribute in the existing limited body of knowledge by not only examining the direct impact of OLC and POS on employees intention to leave, but also indirectly through organizational commitment (normative, continuance and affective), citizenship behaviors (OCB-O and OCB-I) and job satisfaction.

Along with the conceptual contribution (explained in above discussion), the study also contributes empirically. This study is focused on the banking sector of Pakistan because researchers have not investigated perceived organizational support and organizational learning culture among banking sector. For this purpose banks of capital cities of the provinces of Pakistan (i.e. Lahore, Karachi, Peshawar, Quetta and Gilgit) are selected because these cities have multi culture and ethnic traits.

1.8 Scope of the Study

The present study examines the role of OLC and POS on employee's turnover intention directly and indirectly through their commitment towards organization, satisfaction with their jobs and citizenship behavior. For this purpose, an attempt has been made to investigate all possible research studies work on the constructs form well known databases.

The present study includes OLC and POS as independent variables, while turnover intention is considered as dependant variable. Psychologists are of the view that it is better to study turnover intention instead of actual turnover as they still remained unable to find the actual cause of turnover. In addition, the previous studies also suggest examining direct and indirect effect of employee turnover intention. Therefore, the study also includes job satisfaction, organizational commitment and organizational citizenship behavior as mediators between OLC and POS and turnover intention.

The study focuses on the employees of the Pakistani banks (except sweepers and office boys). For this, capital cities of the provinces of Pakistan were selected because of their multi culture and ethnic traits. The present study not only contribute in existing knowledge regarding organizational learning culture, perceived organizational support, turnover intentions, organizational commitment, and citizenship behaviors, but also generalize the previous studies along with the direction to the future researchers.

1.9 Operational Definitions of the Terms

Operational definition of each construct used in the study are given below

Organizational Learning Culture (OLC)

Learning organization (LO) is "an organization skilled at creating, acquiring, and transferring knowledge, and at modifying its behavior to reflect new knowledge and insights" (Garvin, 1993, p.80). Learning organizations in the cultural context is called OLC (Wang, 2005). Organizational learning culture involves an environment in which organizational learning is structured so that teamwork, collaboration, creativity, and knowledge processes have a collective meaning and value (Confessore and Kops, 1998).

Perceived Organizational Support

"Perceived organizational support is the employees feeling about their well being, care and values their contribution from organizations" (Eisenberger *et al.*, 1986, p.9). In present study it is used as the degree to which employee's belief about their values, care and support from the organization.

Job Satisfaction

Positive feelings about ones job is referred as job satisfaction (Robbins and Judge, 2010).

Organizational Commitment

Commitment towards organization is defined as "the strength of an individual's identification with and involvement in a particular organization" (Porter *et al.*, 1974, p.604). It is "a psychological link between the employee and his or her organization that makes it less likely that the employee will voluntarily leave the organization" (Allen and Meyer, 1996, p.252)

Affective Commitment

Affective commitment is "emotional attachment to, identification with, and involvement in, the organization" (Meyer and Allen, 1991, p.67)

Normative Commitment

Normative commitment is "a perceived obligation to remain in the organization" (Meyer *et al.*, 2002, p.21).

Continuance Commitment

Continuance commitment "refers to the awareness of the costs associated with leaving the organization" (Meyer and Allen, 1991, p.67)

Organizational Citizenship Behavior

Employees citizenship behaviors towards organization can be defined as "individual's behavior that is discretionary, not directly or explicitly recognized by the formal reward system, and that in the aggregates promotes the effective functioning of the organization" (Organ, 1988, p.4)

Citizenship Behaviors towards Individuals (OCB-I)

Individual related citizenship behaviors are "behaviors that immediately benefit specific individuals and indirectly through this means contribute to the organization (e.g. taking personal interest in other employees or help the absent ones etc.)" (Williams and Anderson, 1991, p. 602).

Citizenship Behaviors towards Organization (OCB-O)

Employees' organizational related citizenship behaviors are those "that benefit the organization in general (e.g. giving advance notice when unable to come to office etc.)" (Williams and Anderson, 1991, p. 602).

Turnover Intention

It is "a conscious and deliberate willingness to leave the organization" (Tett and Meyer, 1993, p. 262).

1. 10 Summary of the Chapter

The current chapter highlights the importance and need to study employee's turnover intentions. Previously researchers have focused on pay, rewards, recognition and remuneration etc. to reduce the employee's intentions to leave the organization and ignored the elements of support and learning culture. Current chapter focused the need to use organizational support and learning culture in organizations along with other job related outcomes such as commitment towards organization, satisfaction with their jobs and citizenship behavior in reducing turnover intention. Basic theories behind these constructs and their contribution in retaining key employees are discussed in the next chapter.

REFERENCES

- Abassi, S. M., and Hollman, K. W. (2000). Turnover: The real bottom line. *Public Personnel Management*, 2(3), 333-342.
- Abrams, D., Ando, K., and Hinkle, S. (1998). Psychological attachment to the group: Cross-cultural differences in organizational identification and subjective norms as predictors of workers' turnover intentions. *Perspective social psychology bullion, 24,* 1027-1039.
- Agarwal, S., Decarlo, T. E., and Vyas, S. B. (1999). Leadership behavior and organizational commitment: A comparative study of American and Indian salespersons. *Journal of International Business Studies*, 30(4), 724-741.
- Ahmad, K. Z., and Bakar, R. A. (2003). The association between training and organizational commitment among white-collar workers in Malaysia. *International Journal of Training and Development*, 7(3), 166-185.
- Ahmed, A., and Ahsan, H. (2011). Contribution of servicing sector in economy of Pakistan. PIDE working papers, 1-27 (available at: www.pide.org.pkpdfWorking%20PaperWorkingPaper-79.pdf)
- Ahmed, I. (2014). Effects of exchange relations, perceived organizational support and employee engagement in turnover intentions. Doctoral Thesis submitted to the faculty of Management, Universiti Teknologi Malaysia.
- Ahmed, I., and Islam, T. (2011). Decoding the Relationship between Employee's Jobs Related Behaviors: A Study of Telecom Sector of Pakistan. *International Journal of Business and Social Science*, 2(8), 245-252.
- Ahmed, I., Ismail, W. K. W., Amin, S. M., Ramzan, M., and Khan, M. K. (2012). Theorizing antecedents of Perceived Organizational Support: A Literature Review Approach. *Middle-East journal of scientific research*, 12 (5), 692-698.

- Ahmed, I., Ismail, W. K. W., Amin, S. M. and Nawaz, M. M. (2013). Social exchange perspective of individual guanxi network: Evidence from Malaysian-Chinese employees. *Chinese Management Studies*, 7(1), 127-140.
- Ahmed, I., Riaz, T., Shaukat, M. Z. and Butt, H. A. (2013). Social exchange relations at work: A knowledge sharing and learning perspective. *World Journal of Management and Behavioral Studies*, 1(1), 33-35.
- Ajzen, I. (1991). The theory of planned behavior. *Organizational Behavior and Human Decision Processes*, 50, 179-211.
- Alfes, K., Shantz, A. D., Truss, C. and Soane, E. C. (2013). The link between perceived human resource management practices, engagement and employee behavior: A moderated mediation model. *The International Journal of Human Resource Management*, 24(2), 330-351.
- Ali, G. (2014). The Interaction of Selected Macroeconomic Factors and Stock Returns from Selected ASEAN and European Countries. Doctoral Thesis submitted to the Faculty of Management, Universiti Teknologi Malaysia.
- Allen, D. G., Shore, L. M., and Griffeth, R. W. (2003). The role of perceived organizational support and supportive human resource practices in the turnover process. *Journal of Management*, 29(1), 99-118.
- Allen, D., and Shanock, L. R. D. (2012). Perceived organizational support and embeddedness as key mechanisms connecting socialization tactics to commitment and turnover among new employees. *Journal of Organizational Behavior*, 34(3), 350-369.
- Allen, N. J., and Meyer, J. P. (1990). The measurement and antecedents of affective, continuance and normative commitment to the organization. *Journal of Occupational Psychology*, 63, 1-18.
- Allen, N. J., and Meyer, J. P. (1996). Affective, continuance, and normative commitment to the organization: An examination of construct validity. *Journal of Vocational Behavior*, 49(3), 252-276.
- Alniacik, U., Cigerim, E., Akcin, K., and Bayram, O. (2011). Independent and joint effects of perceived corporate reputation, affective commitment and job satisfaction on turnover intentions. *Procedia -Social and Behavioral Sciences*, 24, 1177–1189.

- Al-Sakarnah, B., and Alhawary, F. A. (2009). Organization and turnover intentions: Exploring the mediating effects of trust in organization. *International Journal of Management*, 4(10), 177-183.
- Ameli, P., and Kayes, D. C. (2011). Triple-loop learning in a cross-sector partnership: The DC Central Kitchen partnership. *The Learning Organization*, 18(3), 175 188.
- Anderson, J. C., and Gerbing, D. W. (1988). Structural equation modeling in practice: A review and recommended two-step approach. *Psychological Bulletin*, 103, 411–423.
- Angle, H., and Perry, J. (1981). An empirical assessment of organizational commitment and organizational effectiveness. *Admin Sciences Quarterly*, 26, 1-14.
- Anvari, R., Amin, S. M., Ismail, W. K. W., and Ahmad, U. N. U. (2010). Strategic training practices, effective organizational commitment, and turnover intentions: The mediating role of psychological contract. *African Journal of Business Management*, 4(15), 3391-3405.
- Arbuckle, J. L. (2005), Amos 6.0 User's Guide, Chicago, IL: SPSS Inc.
- Argyris, C. (1977). Double loop learning in organizations. *Harvard Business Review*, 55(5), 115-134.
- Argyris, C., and Schon, D. (1978). *Organizational learning: A theory of action perspective*. Reading, M.A: Addison Wesley.
- Armeli, S., Eisenberger, R., Fasolo, P., and Lynch, P. (1998). Perceived organizational support and police performance: The moderating influence of socio-emotional needs. *Journal of Applied Psychology*, *83*(2), 288–297.
- Armstrong, A., and Foley, P. (2003). Foundations for a learning organization: Organization learning mechanisms. *The Learning Organization*, 10(2), 74-82.
- Ary, D., Jacobs, L. C., Razavieh, A., and Sorensen, C. (2006). *Introduction to research in education* (7th ed.). California: Thomson Wadsworth.
- Ary, D., Jacobs, L. C., and Razavieh, A. (2002). *Introduction to Research in Education*. Belmont, CA: Wadsworth.
- Aselage, J., and Eisenberger, R., (2003). Perceived organizational support and psychological contracts: a theoretical integration. *Journal of Organizational Behavior*, 24(5), 491–509.

- Ataka, M., and Erturgut, R. (2010). An empirical analysis on the relation between learning organization and organizational commitment. *Procedia Social and Behavioral Sciences*, *2*, 3472–3476.
- Aube, C., Rousseau, V., and Morin, E. M. (2007). Perceived organizational support and organizational commitment: the moderating effect of locus of control and work autonomy. *Journal of Managerial Psychology*, 22(5), 479-495.
- Ballot G., Fakhfakh, F., and Taymaz, E. (2006). Who benefits from Training and R&D, the Firm or the Workers? *British Journal of Industrial Relations*, 44(3), 473-475.
- Baranik, L. E., Roling, E. A., and Eby, L. T. (2010). Why does mentoring work? The role of perceived organizational support. *Journal of Vocational Behavior*, 76, 366-373.
- Barney, J. B. (1986). Organizational culture: Can it be a source of sustained competitive advantage? *Academy of Management Review, 11*, 656–665.
- Baron, R. M., and Kenny, D. A. (1986). The moderator-mediator variable distinction in social psychological research: conceptual, strategic, and statistical considerations. *Journal of Personal Social Psychology*, *51*, 1173–1182.
- Bartlett, K. R. (2005). *Survey research in organizations*. In R.A. Swanson and E. Holton (Eds.), *Research in organisations: Principles and methods of inquiry*, (pp. 97–113). San Francisco: Berrett-Koehler.
- Bateman, T. S., and Organ, D. W. (1983). Job satisfaction and the good soldier: The relationship between affect and employee "citizenship". *Academy Management Journal*, 26, 587-595.
- Bates, R., and Khasawneh, S. (2005). Organizational learning culture, learning transfer climate and perceived innovation in Jordanian organizations. *International Journal of Training and Development*, *9*, 96–109.
- Bateson, G. (1972). Steps to an ecology of mind. San Francisco: Chandler.
- Becker, T. E., Billings, R. S., Eveleth, D. M., and Gilbert, N. (1996). Foci and bases of employee commitment: Implications for job performance. *Academy of Management Journal*, *39*, 464-482.
- Bhatnagar, J. (2007). Predictors of organizational commitment in India: Strategic HR roles, organizational learning capability and psychological empowerment. International Journal of Human Resource Management, 18(10), 1782-1811.

- Blancero, D. M., DelCampo, R. G., Gao, T., and Lewis, P. D. (2009). Insight on Hispanic business professionals, perceived organizational support and psychological contracts: Report from a large scale national study. *International Journal of Business Research*, *9*(4), 106-111.
- Blau, P. M. (1964). *Exchange and power in social life*. New York: John Wiley & Sons.
- Bluedorn, A. C. (1982a). The theories of turnover: Causes, effects, and meaning. In S. B. Bacharach (Ed.), *Research in the sociology of organizations: A research annual* (pp. 75-128). Greenwich, CT: JAI Press Inc.
- Bluedorn, A. D. (1982b). A unified model of turnover from organizations. *Human Relations*, 35(2), 135–153.
- Bollen, K. A. (1989). Structural Equations with Latent Variables. New York: John Wiley & Sons, Inc.
- Bolon, D. S. (1997). Organizational Citizenship Behavior Among Hospital Employees: A Multidimensional Analysis Involving job Satisfaction and Organizational Commitment. *Hospital & Health Services Administration*, 42(2), 221-241.
- Bonds-Raacke, J., and Raacke, J. (2012). *Research Methods: Are you equipped?* (1st Edition). New Jersey. Pearson Education Inc.
- Borman, W. C., and Motowidlo, S. J. (1993). Expanding the criterion domain to include elements of contextual performance. In N. Schmitt, W. C. Borman, and Associates (Eds.), *Personnel Selection in Organizations*: 71–98. San Francisco, CA: Jossey-Bass.
- Borman, W. C., and Motowidlo, S. J. (1997). Task performance and contextual performance: The meaning for personnel selection research. *Human Performance*, 10, 99–109.
- Bowen, D. E., and Ostroff, C. (2004). Understanding HRM-firm performance linkages: The role of "Strength" of the HRM system. *Academy of Management Review*, 29, 203-221.
- Bowling, N. A., Beehr, T. A., Johnson, A. L., Semmer, N. K., Hendricks, E. A., and Webster, H. A. (2004). Explaining potential antecedents of workplace social support: Reciprocity or attractiveness? *Journal of Occupational Health Psychology*, *9*, 339-350.

- Brief, A. P. (1998). Attitudes in and around Organizations, Sage, Thousand Oaks, CA.
- Brown, J. S., and Duguid, P. (1991). Organizational learning and communities-of-practice: towards a unified view of learning and innovation. *Organization Science*, *2*(1), 40-57.
- Burns, R. B. (2000). Introduction to Research Methods (4th ed.). London: Sage.
- Burud, S., and Tumolo, M. (2004). Leveraging the new human capital: Adaptive strategies, results achieved, and stories of transformation. Palo Alto, CA: Davies-Black Publishing.
- Byrne, B. M. (2009). Structural equation modeling with AMOS: Basic concepts, applications, and programming (2nd ed.). New York, NY: Routledge.
- Byrne, B. M. (2010). Structural Equation Modeling with Amos: Basic Concepts, Applications, and Programming. Mahwah, NJ: Erlbaum.
- Calisir, F., Gumussoy, C. A., and Iskin, I. (2011). Factors affecting intention to quit among IT professionals in Turkey. *Personnel Review*, 40(4), 514-533.
- Cammann, C., Fichman, M., Jenkins, G. D., and Klesh, J. R. (1983). Assessing the attitudes and perceptions of organizational members, in Seashore, S.E., Lawler, E.E. III, Mirvis, P. H. and Cammann, C. (Eds), Assessing Organizational Change: A Guide to Methods, Measures, and Practices, Wiley, New York, NY, pp. 71-138.
- Cangelosi, V.E. and Dill, W. R. (1965). Organizational learning: observations toward a theory. *Administrative Science Quarterly*, 10, 175-203.
- Carl, P., Maertz, J. C., Griffeth, R. W., Campbell, N. S., and Allen, D. (2007). The effects of perceived organizational support and perceived supervisor support on employee turnover. *Journal of Organizational Behavior*, 28, 1059–1075.
- Carsten, J. M. and Spector, P. E. (1987). Unemployment, job satisfaction, and employee turnover: a meta-analysis test of the Muchinsky model. *Journal of Applied Psychology*, 72(3), 374-381.
- Cascio, W. F. (2006). *Managing Human Resources: Productivity, Quality of Work Life, Profits*, 7th ed., McGraw-Hill Irwin, New York, NY.
- Chang, C., Rosen, C. C., and Levy, P. E. (2009). The Relationship between Perceptions of Organizational Politics and Employee Attitudes, Strain, and Behavior: A Meta-Analytic Examination. *Academy of Management*, 52(4), 779-801.

- Chang, H. T., Chi, N. W., and Mio, M. C. (2007). Testing the relationship between three-component organizational/ occupational commitment and organizational/occupational turnover intentions using a non-recursive model. *Journal of Vocational Behavior*, 70, 352-368.
- Chang, J. Y., and Choi, J. N. (2007). The dynamic relationship between organizational and professional commitment of highly educated R&D professionals. *Journal of Social Psychology*, 147(3), 299-315.
- Chang, J. Y., Choi, J. N., and Kim, M. U. (2008). Turnover of highly educated R&D professionals: The role of pre-entry cognitive style, work values and career orientation. *Journal of Occupational and Organizational Psychology*, 81(2), 299-317.
- Chang, S. C., and Lee, M. S. (2007). A study on relationship among leadership, organizational culture, the operation of learning organization and employees job satisfaction. *The Learning Organization*, 14(2), 155-185.
- Chatzoglou, P. D., Vraimaki, E., Komsiou, E., Polychrou, E., and Diamantidis, A. D. (2011). Factors Affecting Accountants' Job Satisfaction and Turnover Intentions: A Structural Equation Model. 8th International Conference on Enterprise Systems, Accounting and Logistics, Thassos Island, Greece.
- Chen, J., and Eldridge, D. (2011). The missing link in newcomer adjustment: The role of perceived organizational support and leader-member exchange. *International Journal of Organizational Analysis*, 19(1), 71-88.
- Chen, T. Y., Chang, P. L., and Yeh, C. W. (2004). A study of career need, career development programs, job satisfaction and turnover intentions of R&D personnel. *Career Development International*, *9*(4), 424-437.
- Chen, Y. (2010). Career Success of Knowledge Workers: The Effects of Perceived Organizational Support and Person-Job Fit. *I Business*, *2*, 389-394.
- Chen, Z. X., Tsui, A. S., and Farh, J. L. (2002). Loyalty to supervisor vs. organizational commitment: relationships to employee performance in China. *Journal of Occupational and Organizational Psychology*, 75, 339-356.
- Cheng, P-Y., Yang, J-T., Wan, C-S.and Chu, M-C. (2013). Ethical contexts and employee job response in the hotel industry: The roles of work values and perceived organizational support. *International Journal of Hospitality Management*, 34, 108-115.

- Cheung, C. (2000). Commitment to the organization in exchange for support from the organization. *Social Behavior and Personality*, 28, 125-140.
- Cheung, M. F.Y. (2013). The mediating role of perceived organizational support in the effects of interpersonal and informational justice on organizational citizenship behavior. *Leadership and Organization Development Journal*, 34(6), 551-572.
- Chiang, C., and Hsieh, T. (2012). The impacts of perceived organizational support and psychological empowerment on job performance: The mediating effects of organizational citizenship behavior. *International Journal of Hospitality Management*, 31, 180–190.
- Chiang, J. C-C., Yang, M-H., Klein, G., and Jiang, J. J-Y.(2013). Antecedents of organizational citizenship behavior for information technology personnel. *Industrial Management and Data System, 113(4),* 589-604.
- Chiva, R., and Alegre, J. (2008). Emotional intelligence and job satisfaction: The role of organizational learning capability. *Personnel Review*, *37(6)*, 681-701.
- Cho, J. and Treadway, D. C. (2011). Organizational identification and perceived organizational support as mediator of the procedural justice-citizenship behavior relationship: a cross-cultural constructive replication. *European Journal of Work and Organizational Psychology*, 20(5), 631-653.
- Cho, J. and Treadway, D. C. (2011). Organizational identification and perceived organizational support as mediator of the procedural justice-citizenship behavior relationship: a cross-cultural constructive replication. *European Journal of Work and Organizational Psychology*, 20(5), 631-653.
- Cho, Y., and Rayu, J. (2009). Organizational Citizenship Behaviors In Relation To Job Embeddedness, Organizational Identification, Job Performance, Voluntary Turnover Intention in Korea. *International Business & Economics Research Journal*, 8(7), 51-68.
- Choi, J. N. (2006). Multilevel and cross-level effects of workplace attitudes and group member relations on interpersonal helping behavior. *Human Performance*, 19, 383-402.
- Chow, I. (2009). The Relationship between Social Capital, Organisational Citizenship Behaviour, and Performance Outcomes: An Empirical Study from China. *SAM Advanced Management Journal*, 44–53.

- Churchill, G. A. Jr. (1995). *Marketing research, Methodological functions*. The Draydu Press, G. Edition, New York, USA.
- Coakes, S. J. (2006). SPSS: Analysis Without Anguish: Version 14.0 for Windows. Milton, Qld: John Wiley & Sons.
- Cohen, L., and Manion, L. (1994). *Research methods in education* (4th ed.). New York, NY: Routledge.
- Coleman, V. I., and Borman, W. C. (2000). Investigating the underlying structure of the citizenship performance domain. *Human Resource Management Review*, 10(1), 25-44.
- Confessore, S. J., and Kops, W. J. (1998). Self-directed learning and the learning organization: Examining the connection between the individual and the learning environment. *Human Resource Development Quarterly*, *9*(4), 365-375.
- Cook, S. and Yanow, D. (1993). Culture and organizational learning. *Journal of Management Inquiry*, 2(4), 373-390.
- Corral-Verdugo, V. (2002). Structural equation modeling. In R. B. Bechtel, & A. Churchman (Eds.), *Handbook of environmental psychology* (pp. 256–270). New York, NY: Wiley.
- Coyne, I., and Ong, T. (2007). Organizational citizenship behaviour and turnover intention: a cross-cultural study. *The International Journal of Human Resource Management*, 18(6), 1085-1097.
- Cronbach, L. J. (1951). Coefficient alpha and internal structure of tests. *Psychometrika*, 16, 297-334.
- Crossan, M. M., Lane, H. W., White, R. E., and Djurfeldt, L. (1995). Organizational learning: Dimensions for a theory. *The International Journal of Organizational Analysis*, *3*(4), 337-360.
- Cullin, K. L., Edwards, B. D., Casper, W. C. and Gue, K. R. (2014). Employees' adoptability and perceptions of change-related uncertainty: Implications for perceived organizational support, job satisfaction and performance. *Journal of Business Psychology*, 29(2), 269-280.
- Cummings, T. G., and Worley, C. G. (2005). *Organization development and change* (8th ed.). Cincinnati, OH: South-Western Thomson.

- Dalessio, A., Silverman, W., and Schuck, J. R. (1986). Paths to turnover: A reanalysis and review of existing data on the Mobley, Horner, and Hollingsworth's turnover model. *Human Relations*, 39(3), 245-264.
- De-Geus, A. P. (1988). Planning as learning. Harvard Business Review, 70-74.
- Deming, W. E. (1986). Out of the crisis. New York: Doubleday.
- Dick, R. V., Knippenberg, D. V., Kerschreiter, R., Hertel, G., and Wieseke, J. (2008). Interactive effects of work group and organizational identification on job satisfaction and extra-role behavior. *Journal of Vocational Behavior*, 72, 388-399.
- Diefendorff, J., Brown, D., Kamin, A., and Lord, R. (2002). Examining the roles of job involvement and work centrality in predicting organizational citizenship behaviors and job performance. *Journal of Organizational Behavior*, 23, 93-108.
- Ding, C. G., and Lin, C. P. (2006). Comparing the effects of determinants of turnover intentions between Taiwanese and U.S. hospital employees. *Human Resource Development Quarterly*, 17(4), 403-421.
- Dirani, K. M. (2007). The relationship among learning organizational culture, job satisfaction, and organizational commitment in the Lebanese banking sector and the effect of social patterns as moderator variables. Ph.D Thesis. University of Illinois: Urbana Campaign.
- Dirani, K. M. (2009). Measuring the learning organization culture, organizational commitment and job satisfaction in the Lebanese banking sector. *Human Resource Development International*, 12(2), 189-208.
- Dixon, N. M. (1994). Organization learning cycle: how we can learn collectively. Maidenhead, UK: McGraw-Hill.
- Dodgson, M. (1993). Organizational learning: A review of some literatures. *Organizational Studies*, 14(3), 375-394.
- Dyne, L. V., and Ang, S. (1998). Organizational citizenship behavior of contingent workers in Singapore. *Academy of Management Journal*, 41(6), 692-703.
- Easterby-Smith, M. (1997). Disciplines of organizational learning: Contributions and critiques. *Human Relations*, 50(9), 1085-1106.
- Eder, P., and Eisenberger, R. (2008). Perceived organizational support: Reducing the negative influence of co-workers withdrawal behavior. *Journal of Management*, 34(1), 55-68.

- Egan, T. M., Yang, B., and Bartlett, K. R. (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.
- Eisenberger, E., Stinglhamber, F., Vandenberghe, C., Sucharski, I. and Rhoades, L. (2002). Perceived supervisor support: contributions to perceived organizational support and employee retention. *Journal of Applied Psychology*, 87(3), 565-573.
- Eisenberger, R., Armeli, S., Rexwinkel, B., Lynch, P. D., and Rhoades, L. (2001). Reciprocation of perceived organizational support. *Journal of Applied Psychology*, 86(1), 42–51.
- Eisenberger, R., Cummings, J., Armeli, S., and Lynch, P. (1997). Perceived organizational support, discretionary treatment, and job satisfaction. *Journal of Applied Psychology*, 82 (5), 812–820.
- Eisenberger, R., Huntington, R., Hutchison, S., and Sowa, D. (1986). Perceived organizational support. *Journal of Applied Psychology*, 71(3), 500–507.
- Ekeh, P. P. (1974). Social exchange theory: the two traditions. London: Heinemann Educational.
- Ellinger, A. D., Ellinger, A. E., Yang, B., and Howton, S. H. (2003). Making the business case for the learning organization concept. *Advances in Developing Human Resources*, *5*, 163–172.
- Elstad, E., Christophersen, K-A. and Turmo, A. (2013). Antecedents of organizational citizenship behavior among educators in language education for adult immigrants in Norway. *Adult Education Quarterly*, 63(1), 78-96.
- Erdogan, B., and Enders, J. (2007). Support from the top: Supervisors' perceived organizational support as a moderator of leader–member exchange to satisfaction and performance relationships. *Journal of Applied Psychology*, 92 (2), 321–330.
- Falkenburg, K., and Schyns, B. (2007). Work satisfaction, organizational commitment and withdrawal behaviors. *Management Research News*, 30(10), 708-723.
- Farh, J., Podsakoff, P. M., and Organ, D. W. (1990). Accounting for organizational citizenship behavior: Leader fairness and task scope versus satisfaction. *Journal of Management, 16,* 705-721.

- Farrell, M. (1999). Antecedents and consequences of a learning orientation. *Marketing Bulletin*, 10, 38-52.
- Farrell, M. A., and Oczkowski, E. (2009). Service worker customer orientation, organization/job fit and perceived organization support. *Journal of Strategic Marketing*, 17(2), 149-167.
- Felfe, J., and Yan, W. H. (2009). The impact of workgroup commitment on organizational citizenship behaviour, absenteeism and turnover intention: the case of Germany and China. *Asia Pacific Business Review*, 15(3), 433-450
- Filipova, A. A. (2011). Relationship among ethical climates, perceived organizational support and intention-to-leave for licensed nurses in skilled nursing facilities. *Journal of Applied Gerontology*, 30(1), 44-66.
- Finger, M., and Woolis, D. (1994). Organizational learning, the learning organization, and adult education. *Proceeding from the 35th annual adult education research conference*. The University of Tennessee, Knoxville, Tennessee.
- Fiol, M., and Lyles, M. (1985). Organizational learning. *Academy of management review*, 10(4), 803-813.
- Fishbein, M., and Ajzen, I. (1975). *Belief, attitude, intention, and behavior: An introduction to theory and research.* Reading, MA: Addison-Wesley.
- Fornell, C., and Larcker, D. F. (1981). Evaluating structural equation models with unobservable variables and measurement error. *Journal of Marketing Research* 18(1), 39–50.
- Fraenkel, J. R., and Wallen, N. E. (2003). *How to design and evaluate research in education* (5th Ed.). New York: McGraw-Hill Publishing Co.
- Franco, M., and Almeida, J. (2011). Organisational learning and leadership styles in healthcare organisations: An exploratory case study. *Leadership & Organization Development Journal*, 32 (8), 782 806.
- Fuller, J. B., Hester, K., Barnett, T., Frey, L., and Relyea, C. (2006). Perceived Organizational Support and Perceived External Prestige: Predicting Organizational Attachment for University Faculty, Staff, and Administrators. *The Journal of Social Psychology*, 146(3), 327-347.
- Gall, M. D., Gall, J. P., and Brog, W. R. (2005). *Education research: An introduction.* (8th edn.). Boston: Allyn and Bacon.

- Galletta, M., Portoghese, I., Penna, M. P., Battistelli, A., and Saiani, L. (2011). Turnover intention among Italian nurses: The moderating roles of supervisor support and organizational support. *Nursing and Health Sciences*, 13, 184– 191.
- Garratt, B. (1995). An old idea that has come of age. People Management, 19, 1-25.
- Garvin, D. (1993). Building learning organizations. *Harvard Business Review*, 71(4), 78-91.
- Gellatly, I. R., Meyer, J. P., and Luchak, A. A. (2006). Combined effects of the three commitment components on focal and discretionary behaviors: A test of Meyer and Herscovitch's propositions. *Journal of Vocational Behavior*, 69, 331–345.
- George, D., and Mallery, P. (2003). SPSS for Windows step by step: A simple guide and reference. 11.0 update (4th ed.). Boston: Allyn & Bacon.
- George, J. M. (1989). Mood and absence. *Journal of Applied Psychology*, 74, 317–324.
- George, J. M., and Brief, A. P. (1992). Feeling good-doing good: A conceptual analysis of the mood at work-organizational spontaneity relationship. *Psychological Bulletin*, *112*, 310–329.
- George, J. M., and Jones, G. R. (1997). Organizational spontaneity in context. *Human Performance*, 10, 153–170.
- George, J. M., Reed, T. F., Ballard, K. A., Colin, J., and Fielding, J. (1993). Contact with AIDS patients as a source of work-related distress: Effects of organizational and social support. *Academy of Management Journal*, *36*, 157–171.
- Gephart, M. A., Marsick, V. J., Van Buren, M. E., and Spiro, M. S. (1996). Learning organizations come alive. *Training and Development*, *50(12)*, 34-46.
- Ghauri, P., and Gronhaug, K. (2005). Research Methods in Business Studies. (3rd ed.). London: FT. Prentice Hall.
- Ghosh, S. K. (2010). Perceived Organizational Values and Commitment to Organization. *Indian Journal of Industrial Relation*, 45(3), 437-445.
- Gieter, S. D., Hofmans, J., and Pepermans, R. (2011). Revisiting the impact of job satisfaction and organizational commitment on nurse turnover intention: An individual differences analysis. *International Journal of Nursing Studies*, 48, 1562–1569.

- GIll, J., and Johnson, P. (2002). *Research Methods for Managers* (3rd ed.). London: Sage.
- Gillet, N., Colombat, P., Michinov, E., Pronost, A. M., and Fouque-Reau, E. (2013). Procedural justice, supervisor autonomy support, work satisfaction, organizational identification and job performance: the mediating role of need satisfaction and perceived organizational support. *Journal of Advanced Nursing*, 69(11), 2560-2571.
- Goh, S. C. (1998). Toward a learning organization: The strategic building blocks. SAM Advance Management Journal, 63(2), 15-22.
- Goswami, S., Mathew, M., and Chadha, N. K. (2007). Differences in occupational commitment amongst scientists in Indian defence, academic, and commercial R&D organizations. *Vikalpa*, *32*(4), 13-27.
- Gouldner, A. W. (1960). The norm of reciprocity: A preliminary statement. American Sociological Review, 25, 161-178.
- Graham, J. W. (1989). Organizational citizenship behavior: Construct redefinition, operationalization, and validation. Unpublished working paper, Loyola University of Chicago, Chicago, IL.
- Graham, J. W. (1991). An essay on organizational citizenship behavior. *Employee Responsibilities and Rights Journal*, *4*, 249–270.
- Graverrer, F. J. and Wallnau, L. B. (2007). *Statistics for the Behavioral Sciences* (8 ed). USA: Wadsworth.
- Grawe, S. J., Daugherty, P. J. and McElroy, J. C. (2011). External organizational commitment among organizational implants: The case of logistics service providers. *Transportation Research*, 48(1), 165-177.
- Griego, O. V., Geroy, G. D., and Wright, P. C. (2000). Predictors of learning organizations: A human resource development practitioner's perspective. *The Learning Organization*, *7*(1), 5-12.
- Grima, F. (2007). The role of citizenship behavior on intent to quit among salespersons. *Review of Human Resource Management*, 63, 28-41.
- Guimmaraes, T., and Igbaria, M. (1992). Determinants of turnover intentions: Comparing IC and IS personnel. *Information Systems Research*, 3(3), 273-303.
- Hair, J. F. Jr. Black, W. C., Babin, B. J. Anderson, R. E. and Tatham, R. L. (2006).
 Multivariate data analysis. 6th ed. New Jersey: Prentice Hall.

- Hair, J. F., Jr., Anderson, R. E., Tatham, R. L. and Black, W. C. (1995) *Multivariate Data Analysis*, 3rd ed, Macmillan Publishing Company, New York.
- Hair, J. F., Jr., Anderson, R. E., Tatham, R. L., and Black, W. C. (2005). *Multivariate data analysis* (6th ed.). Upper Saddle River, NJ: Pearson.
- Hair, J. F., Black, W. C., Babin, B. J., and Anderson, R. E. (2010). *Multivariate Data Analysis*. *Seventh Edition*. Prentice Hall, Upper Saddle River, New Jersey.
- Hanif, M. F., and Kamal, Y. (2009). Pay and Job Satisfaction: A Comparative Analysis of Different Pakistani Commercial Banks. Paper presented in 9th national research conference held on 25th june, szabist, Islamabad, Pakistan. (available at: http://ssrn.com/abstract=1428346)
- Harvey, C., and Denton, J. (1999). To come of age: The antecedents of organizational learning. *Journal of Management Studies*, 36(7), 897-918.
- He, P. (2008). An investigation of the antecedents and consequences of affective commitment in a U.S. hospitality organization. Ph.D. dissertation. Blacksburg, Virginia, Virginia Polytechnic Institute and State University.
- Hechanova, M. R. M. (2013). The calls center as a revolving door: a Philippine perspective. *Personnel Review*, 42(3), 349-365.
- Hedberg, B. (1981). *How organizations learn and unlearn*. New York: Oxford University Press.
- Hernandez, M. (2000). The impact of the dimensions of the learning organization on the transfer of tacit knowledge process and performance improvement within private manufacturing firms in Colombia. Unpublished doctoral dissertation, University of Georgia, Athens.
- Herzberg, F., Mausner, B. and Snyderman, B. (1959). *The Motivation to Work*. Wiley, New York, NY.
- Holmes-Smith, P., Cunningham, E., and Coote, L. (2006). Structural equation modeling: From the fundamentals to advanced topics. Melbourne: Statsline.
- Hoppock, R. (1935). *Job satisfaction*. New York, NY: Harper & Brothers Publishers.
- Hoyle, R. H. (1995). Structural Equation Modeling: Concepts, Issues and Applications. London: Sage.
- Hsu, H. (2009). Organizational Learning Culture's Influence on Job Satisfaction, Organizational commitment and turnover intention among R&D professionals in Taiwan during an economic downturn. PhD thesis submitted to the University of Minnesota.

- Huang, T. (2011). Comparing motivating work characteristics, job satisfaction, and turnover intention of knowledge workers and blue-collar workers, and testing a structural model of the variables' relationships in China and Japan. *The International Journal of Human Resource Management*, 22(04), 924-944.
- Husin, S., Chelladurai, P., and Musa, G. (2011). HRM Practices, Organizational Citizenship Behaviors, and Perceived Service Quality in Golf Courses. *Journal of Sport Management*, 26(2), 143-158.
- Igbaria M., and Greenhaus J. H. (1992). Determinants of MIS employee's turnover intentions: A structural equation model. *Communications of the ACM*, 35(2), 35-49.
- Igbaria, M., and Guimaraes, T. (1993). Antecedents and consequences of job satisfaction among information center employees. *Journal of Management Information Systems*, *9*(4), 145-174.
- Ipe, M. (2003). Knowledge sharing in organizations: a conceptual framework. Human Resource Development Review, 2(4), 337-359.
- Islam, I. (2011). Antecedents and Consequences of Motivation: A study of educational sector. Lambert Academic Publications, Germany.
- Islam, T., Aamir, M., Khan, S. U. R., and Ahmad, U. N. U. (2013). Organizational learning culture, social exchange relations and multi foci citizenship behaviors: A literature survey approach. *World Journal of Management and Behavioral Studies*, 1 (1), 33-40.
- Islam, T., Ahmed, I., Ahmed, Z., Ahmed, A., Saeed, M., and Muhammad, S. K. (2012). Does compensation and demographical variable influence on teacher's commitment and job satisfaction? A study of University of the Punjab, Pakistan. *International Journal of Business and Management*, 7(4), 35-43.
- Islam, T., Khan, S. U. R., Ahmad, U. N. U., and Ahmed, I. (2012). Does organisational commitment enhance the relationship between job involvement and in-role performance? *SA Journal of Human Resource Management*, 10(2), 1-9.
- Islam, T., Khan, S., Ahmad, U. N. U., Ahmed, I. (2014). Exploring the relationship between POS, OLC, Job satisfaction and OCB. *Procedia- Social and Behavioral Sciences*, 114, 164-169.

- Islam, T., Khan, S., Ahmad, U. N. U., and Ahmed, I. (2013). Organizational Learning culture and Leader- member exchange: The way to enhance organizational commitment and reduce turnover intentions. *The Learning Organization*, 20(4/5), 322-337.
- Jakobsen, M. and Andersen, S. C. (2013). Intensifying social exchange relationships in public organizations: Evidence from a randomized field experiment. *Journal of Policy Analysis and Management*, 32(1), 60-82.
- Jamali, D., and Sidani, Y. (2008). Learning Organizations: Diagnosis and Measurement in a developing country context. *The Learning Organization*, 15(1), 58-74.
- James, M. S. L. (2005). Antecedents and consequences of cynicism in organizations: an examination of the potential positive and negative effects on school systems. Unpublished Phd thesis: Florida University.
- Jaramillo, F., Mulki, J. P., and Marshall, G. W. (2005). A meta-analysis of the relationship between organizational commitment and salesperson job performance: 25 years of research. *Journal of Business Research*, 58, 705-714.
- Jawahar, I. M., and Hemmasi, P. (2006). Perceived organizational support for women's advancement and turnover intentions: The mediating role of job and employer satisfaction. *Women in Management Review*, 21(8), 643 661.
- Jensen, J. A., and Rasmassen, O. E. (2004). An inquiry into the foundations of organizational learning and the learning organization. *The Learning Organization*, 11(6), 478-490.
- Jo, S. J., and Joo, B. (2011). Knowledge sharing: The influences of learning organization culture, organizational commitment and organizational citizenship behaviors. *Journal of leadership & organizational culture, 18(3),* 353–364.
- Johnson, J. J., and McIntye, C. L. (1998). Organizational culture and climate correlates of job satisfaction. *Psychological Report*, 82(3), 843-850.
- Joiner, T. A., and Bakalis, S. (2006). The antecedents of organizational commitment: the case of Australian casual academics. *International Journal of Educational Management*, 20 (6), 439-452.

- Jokisaari, M., and Nurmi, J-E. (2009). Change in newcomers' supervisor support and socialization outcomes after organizational entry. *Academy of Management Journal*, *52*(3), 527-544.
- Jones, M. (1995). Organizational learning: Collective mind or cognitivist metaphor? Accounting, Management and Information Technology, 5(1), 61-77.
- Joo, B. (2010). Organizational Commitment for Knowledge Workers: The Roles of Perceived Organizational Learning Culture, Leader–Member Exchange Quality, and Turnover Intention. *Human resource development quarterly*, 21(1), 69-85.
- Joo, B., and Lim, T. (2009). The effect of organizational learning culture, perceived job complexity and proactive personality on organizational commitment and intrinsic motivation. *Journal of leadership & organizational studies*, 16(1), 48-60.
- Joo, B., and Park, S. (2010). Career satisfaction, organizational commitment, and turnover intention: The effects of goal orientation, organizational learning culture and developmental feedback. *Leadership & Organization Development Journal*, 31(6), 482-500.
- Judd, C. M., and Kenny, D. A. (1981). Estimating the Effects of Social Interventions.
 Cambridge, UK: Cambridge University Press.
- Kaplan, D. (2008). *Structural equation modeling: Foundations and extensions* (2nd ed.). Thousand Oaks, CA: Sage Publications.
- Karatepe, O. M. (2012). Perceived organizational support, career satisfaction, and performance outcomes: A study of hotel employees in Cameroon. *International Journal of Contemporary Hospitality Management*, 24(5), 735-752.
- Karatepe, O. M., Yavas, U., and Babakus, E. (2007). The effects of customer orientation and job resources on frontline employees' job outcomes. *Services Marketing Quarterly*, 29(1), 61-79.
- Karatepe, O. M. (2012). The effects of coworkers and perceived organizational support on hotel employee outcomes: The moderating role of job embeddedness. *Journal of Hospitality and Tourism Research*, *36(4)*, 495-416.
- Katz, D. (1964). The motivational basis of organizational behavior. *Behavioral Sciences*, *9*, 131-133.

- Keller, K. L., 2001. Building Customer-Based Brand Equity. *Marketing Management*. 10(2), 14-19.
- Keller, R. T., Julian, S. D., and Kedia, B. L. (1996). Amultinational study of work climate, job satisfaction, and the productivity of R&D teams. *IEEE Transactions on Engineering Management*, 42(1), 48-55.
- Khalid, S. A., Jusoff, K., Ali, H., Ismail, M., Kassim, K. M., and Rahman, N. A. (2009). Gender as a moderator of the relationship between OCB and turnover intentions. *Asian Social Sciences*, *5*(*6*), 108-117.
- Khan, M. A. (2010). Effects of Human Resource Management Practices on Organizational Performance-An empirical study of oil and gas industry in Pakistan. *European Journal of Economics, Finance and Administrative Sciences*, 24, 157-175.
- Khan, M. A., Kashif-Ur-Rehman, Ijaz-Ur-Rehman, Safwan, N., and Ahmad, A. (2011). Modeling link between internal service quality in human resources management and employees retention: A case of Pakistani privatized and public sector banks. *African Journal of Business Management*, 5 (3), 949-959.
- Khurram, S. (2009). Perceived Organizational support, antecedents and consequences: Proposing and testing a model in a public sector university of Pakistan. *South Asian Journal of Management*, 16(1), 7-26.
- Kim, A., and Lee, C. (2011). How does HRM enhances strategic capabilities? Evidence from the Korean management consulting industry. *The International Journal of Human Resource Management*, 23(1), 126-146.
- Kim, D. H. (1993). The link between individual and organizational learning. *Sloan Management Review*, 37-50.
- Kim, T. H., and Chang, K. R. (2007). Interactional effects of occupational commitment and organizational commitment of employees in sport organizations on turnover intentions and organizational citizenship behaviors. *International Journal of Applied Sports Sciences*, 19, 63-79.
- Kim, T., and Chang, K. (2012). Turnover intentions and organizational citizenship behaviours in Korean firms: the interactional effects of organizational and occupational commitment. *Asia Pacific Business Review*, 1-19.

- Kim, T., Park, S., and Chang, K. (2011). Antecedents of organizational citizenship behaviours among part-time employees of service organizations in Korea. *Asia Pacific Business Review*, 17(01), 85-101.
- Kim, U. (1993). The self in different contexts. In H.C. Triandis (Ed.) *individualism* and collectivism (1995). Boulder, Co.: Viewpoint Press.
- Kim, W. G., Leong, J. K., and Lee, Y. K. (2005). Effect of service orientation on job satisfaction, organizational commitment, and intentions of leaving in a casual dining chain restaurant. *Hospitality Management*, 24, 171-193.
- Kline, R. B. (1999). Review of Psychometric theory, Nunnally and Bernstein (1994). *Journal of Psycho educational Assessment, 17,* 275–280.
- Kline, R. B. (2011). *Convergence of structural equation modeling and multilevel modeling*. In M. Williams & W. P. Vogt (Eds.), Handbook of methodological innovation (pp. 562–589). Thousand Oaks, CA: Sage.
- Kline, R. B. (2005). *Principles and Practice of Structural Equation Modeling* (2nd Edition ed.). New York: The Guilford Press.
- Ko, J. W., Price, J. L., and Mueller, C. W. (1997). Assessment of Meyer and Allen's three component model of organizational commitment in South Korea. *Journal of Psychology*, 82, 961-973.
- Kolb, D. A. (1984). Experiential Learning: Experience as the Source of Learning and Development, Prentice Hall, New York, NY.
- Kontoghiorghes, C., and Bryant, N. (2004). Exploring employee commitment in a service organization in the health care insurance industry. *Organization Development Journal*, 22(3), 59-73.
- Kontoghiorghes, C., Awbery, S. M., and Feurig, P. L. (2005). Examining the relationship between learning organization characteristics and change adaptation, innovation, and organizational performance. *Human Resource Development Quarterly*, 16(2), 185-211.
- Koys, D. J. (2001). The effects of employee satisfaction, organizational citizenship behavior, and turnover on organizational effectiveness: a unit-level, longitudinal study. *Personnel Psychology*, 54, 101-14.
- Krejcie, R. V. and Morgan, D. W. (1970). Determining sample size for research activities. *Educational and Psychological Measurement*, *30*, 607-610.
- Kwak, C., Chung, B. Y., Xu, Y., and Eun-Jung, C. (2010). Relationship of job satisfaction with perceived organizational support and quality of care among

- South Korean nurses: A questionnaire survey. *International Journal of Nursing Studies*, 47, 1292-1298.
- Lado, A. A., and Wilson, M. C. (1994). Human Resource Systems and Competitive Advantage: A competency-based approach. *Academy of Management Review*, 19(4), 699-727.
- Lankau, M. J., and Scandura, T. A. (2002). An investigation of personal learning in mentoring relationships: Content, antecedents, and consequences. *Academy of Management Journal*, 45(4), 779-790.
- Lawrence, J., Ott, M. and Bell, A. (2012). Faculty organizational commitment and citizenship behavior. *Research Higher Education*, *53*, 325-352.
- Lee, K., and Allen, N. J. (2002). Organizational citizenship behavior and workplace deviance: the role of affect and cognitions. *Journal of Applied Psychology*, 87, 131-42.
- Lee, S. H., Lee, T. W., and Lum, C. F. (2007). The effects of employee services on organizational commitment and intentions to quit. *Personnel Review*, *37*(2), 222-237.
- Lee, S. Y. (2007). *Structural equation modeling: A Bayesian approach*. West Sussex, England: John Wiley & Sons.
- Lee, T. W., and Mowday, R. T. (1987). An empirical investigation of Steers and Mowday's model of turnover. *Academy of Management Journal*, 30(4), 721-743.
- Lee, T. W., Mitchell, T. R., Holtom, B. C., McDaniel, L. S. and Hill, J. W. (1999). The unfolding model of voluntary turnover: a replication and extension. *Academy of management journal*, 42(4), 450-462.
- Lee, Y-H., Hsieh, Y-C., and Ma, C-Y. (2011). A model of organizational employees' e-learning system acceptance. *Knowledge-Based Systems*, *24*, 355-366.
- Lee-Kelley, L., Blackman, D. A., and Hurst, J. P. (2007). An exploration of the relationship between learning organizations and the retention of knowledge workers. *The Learning Organization*, 14(3), 204-221.
- Lent, R. W., Nota, L., Soresi, S., Ginevra, M. C., Duffy, R. D., and Brown, S. D. (2011). Predicting the job and life satisfaction of Italian teachers: Test of a social cognitive model. *Journal of Vocational Behavior*, 79, 91-97.

- LePine, J. A., Erez, A., and Johnson, D. E. (2002). The nature and dimensionality of organizational citizenship behavior: A critical review and meta-analysis. *Journal of Applied Psychology*, 87(1), 52-65.
- Levinson, H. (1965). Reciprocation: The relationship between man and organization. *Administrative Science Quarterly*, 9, 370–390.
- Lichtenstein, Minette, D. R., Drumwright, E., and Braig, B. M. (2004). The Effect of Corporate Social Responsibility on Customer Donations to Corporate-Supported Nonprofits. *Journal of Marketing*, 68, 16-33.
- Lieberman, M. B. (1987). The learning curve, diffusion, and competitive strategy. Strategic *Management Journal*, 8, 441-452.
- Lim, T. (2003). The relationship among organizational commitment, learning organization culture, and job satisfaction in one Korea private organization. Ph.D. thesis. St. Paul, MN: University of Minnesota.
- Lim, T. (2010). Relationships among organizational commitment, job satisfaction, and learning organization culture in one Korean private organization. *Asia Pacific Education Review*, 11, 311–320.
- Little, T. D., Card, N. A., Bovaird, J. A., Preacher, K. J., and Crandall, C. S. (2007). Structural equation modeling of mediation and moderation with contextual factors. *Modeling contextual effects in longitudinal studies*, 207-230.
- Locke, E. A. (1976). The nature and causes of job satisfaction. In M. D. Dunette (Ed.), *Handbook of industrial and organizational psychology* (pp. 1297-1343). Chicago, IL: Rand McNally.
- Loi, R., Hang-yue, N., and Foley, S. (2006). Linking employees' justice perceptions to organizational commitment and intention to leave: The mediating role of perceived organizational support. *Journal of Occupational and Organizational Psychology*, 79, 101–120.
- Lok, P., and Crawford, J. (2001). Antecedents of organizational commitment and the mediating role of job satisfaction. *Journal of Managerial Psychology*, 16 (8), 594-613.
- Loo, K. (2010). OCBs Gone Bad: The Moderating Roles of Burnout and Role Overload. Ph.D Thesis. *Graduate School Theses and Dissertations:* University of South Florida.

- Lopez- Salazar, P. and Lopez- Sanchez, J. (2001). Propuesta de un Modelo Conceptual de Aprendizaje Organizativo desde un Enfoque Cognoscitivo. II Encuentro Iberoamericano de Finanzas y Sistemas de Informacio'n, 310-318.
- Lowry, D. S., Simon, A., and Kimberley, N. (2002). Toward improved employment relations practices of casual employees in the New South Wales registered clubs industry. *Human Resource Development Quarterly*, 13(1), 53-69.
- Lucas, R. (1988). On the mechanics of economic development. *Journal of Monetary Economics*, 22, 3-42.
- Luchak, A., and Gellatly, I. (2007). A Comparison of Linear and Nonlinear Relations between Organizational Commitment and Work Outcomes. *Journal of Applied Psychology*, *92*(3), 786-793.
- Luna-Arocas, R. and Camps, J. (2008). A model of high performance work practices and turnover intentions. *Personnel Review*, *37(1)*, 26-46
- Lund, D. B. (2003). Organizational culture and job satisfaction. *Journal of Business & Industrial Marketing*, 18(3), 219-236.
- Ma. E., and Qu. H. (2011). Social exchange as motivator of hotel employees' organizational citizenship behavior: The proposition and application of a new three-dimensional framework. *International Journal of Human Resource Management*, 30, 680-688.
- Macey, W. H., Schneider, B., Barbera, K., and Young, S. A. (2009). *Employee Engagement: Tools for Analysis, Practice, and Competitive Advantage*, Wiley, Malden, MA.
- Mackain, S. J., Myers, B., Ostapiej, L., and Newman, R. A. (2010). Job satisfaction among psychologists working in state prisons: The relative impact on facets of assessing economics, management, relationship and perceived organizational support. *Criminal Justice and Behavior*, *37(3)*, 306-318.
- MacKenzie, S. B., Podsakoff, P. M., and Fetter, R. (1993). The impact of organizational citizenship behavior on evaluations of sales performance. *Journal of Marketing*, 57, 70–80.
- MacKenzie, S. B., Podsakoff, P. M., and Rich, G. A. (1999). *Transformational and transactional leadership and salesperson performance*. Working paper, Indiana University.
- MacKinnon, D. P. (2000). *Contrasts in multiple mediator models*. In Multivariate Applications in Substance Use Research: New Methods for New Questions

- ed. J. S., Rose, L Chassin, CC Presson, SJ Sherman, pp. 141–60. Mahwah, NJ: Erlbaum.
- MacKinnon, D. P., Lockwood, C. M., Hoffman, J. M., West, S. G., and Sheets, V. (2002). A comparison of methods to test mediation and other intervening variable effects. *Psychology Methods*, *7*, 83–104.
- MacKinnon, D. P., Lockwood, C. M., Hoffman, J. M., West, S. G., and Sheets, V. (2002). A comparison of methods to test mediation and other intervening variable effects. *Psychological Methods*, 7, 83-104.
- MacKinnon, D.P. (2007). *Introduction to Statistical Mediation Analysis*. Mahwah, NJ: Erlbaum. In press.
- MacKinnon, D.P., Krull, J.L., Lockwood, C.M. (2000). Equivalence of the mediation, confounding, and suppression effect. *Preview Science*, 1, 173–81.
- Malcolm, L., and Blerkom, V. (2008). Measurement and Statistics for teachers. 270
 Madison Ave, New York.
 March, J. G., and Simon, H. A. (1958). Organizations. New York: John Wiley and Sons.
- Marique, G., Stinglhamber, F., Desmetter, D., Caesens, G. and Zanet, F.D. (2013). The relationship between perceived organizational support and affective commitment: A social identity perspective. *Group and Organization Management*, 38(1), 68-100.
- Marquardt, M. J. (1996). Building the learning organization: A systems approach to quantum improvement and global success. New York: McGraw-Hill.
- Marquart, M. (2002). Building the learning organization: Mastering the 5 elements for corporate learning. New York, NY: McGraw-Hill.
- Marsick, V. J., and Watkins, K. E. (1999). Looking again at learning in the learning organization: A tool that can turn into a weapon. *The Learning Organization*, 6, 207–211.
- Marsick, V. J., and Watkins, K. E. (2003). Demonstrating the value of an organization's learning culture: The dimensions of the learning organization questionnaire. *Advances in Developing Human Resources*, *5*(2), 132-151.
- Marsick, V. J., and Watkins, K. E. (1994). The learning organization: An integrative vision for HRD. *Human resource development quarterly*, *5*(4), 353-360.
- Marsick, V., and Watkins, K. (1990). *Informal and incidental learning in the workplace*. New York, NY: Routledge.

- Masterson, S., Lewis, K., Goldman, B. and Taylor, S. (2000). Integrating justice and social exchange: the differing effects of fair procedures and treatment on work relationships. *Academy of Management Journal*, 43(4), 738-48.
- Mathieu, J. E. and Zajac, D. M. (1990). A review and meta-analysis of the antecedents, correlates, and consequences of organizational commitment. *Psychological Bulletin*, 108(2),171-194.
- Maurer, T. J., and Lippstreu, M. (2008). Who will be committed to an organization that provides support for employee development? *Journal of Management Development*, 27(3), 328-347.
- May, D. R., Gilson, R. L., and Harter, L. M. (2004). The psychological conditions of meaningfulness, safety and availability and the engagement of the human spirit at work. *Journal of Occupational & Organizational Psychology*, 77, 11-37.
- McKinnon, J. L., Harrison, G. I., Chow, C. W., and Wu, A. (2003). Organizational culture: Association with commitment, job satisfaction, propensity to remain, and information sharing in Taiwan. *International Journal of Business Studies*, 11(1), 25-44.
- McMurtrey, M. E, Grover, V., Teng, J. T. C., and Lightner, N. J. (2002). Job satisfaction of information technology workers: The impact of career orientation and task automation in a CASE environment. *Journal of Management Information Systems*, 19(2), 273-294.
- Meyer, J. P. Allen, N. J., and Smith, C. A. (1993). Commitment to Organizations and Occupations: Extension and Test of a Three-Component Conceptualization. *Journal of Applied Psychology*, 78(4), 538-552.
- Meyer, J. P. dan Herscovitch, L. 2001. Commitment in the workplace: Toward a general model. *Human Resource Management Review*, 11, 299-326.
- Meyer, J. P., Allen, N. J., and Gellatly, I. R. (1990). Affective and continuance commitment to the organization: Evaluation of measures and analysis of concurrent and time-lagged relations. *Journal of Applied Psychology*, 75(6), 710-720.
- Meyer, J. P., and Allen, N. J. (1991). A three-component conceptualization of organizational commitment. *Human Resource Management Review, 1,* 61-89.
- Meyer, J. P., and Allen, N. J. (1997). *Commitment in the workplace: Theory, research, and application*. Thousand Oaks, CA: Sage Publications.

- Meyer, J. P., and Herscovitch, L. (2001). Commitment in the workplace: Toward a general model. *Human Resource Management Review*, 11(3), 299-326.
- Meyer, J. P., Stanley, D. J., Herscovitch, L., and Topolnytsky, L. (2002). Affective, continuance, and normative commitment to the organization: Ameta-analysis of antecedents, correlates, and consequences. *Journal of Vocational Behavior*, 61(1), 20-52.
- Meyer, J. P., Stanley, L. J., and Parfyonova, N. M. (2012). Employee commitment in context: The nature and implication of commitment profiles. *Journal of Vocational Behavior*, 80, 1–16.
- Meyer, P. J., and Allen, J. N. (1984). Testing the side-bet theory of organizational commitment: Some methodological considerations. *Journal of Applied Psychology*, 69, 372–378.
- Meyer, P. J., and Allen, J. N. (1990). A three-component conceptualization of organizational commitment. *Human Resource Management Review*, 1, 61–89.
- Meyer, P. J., and Allen, J. N. (1997). *Commitment in the workplace: Theory, research, and application*. Thousand Oaks, CA: Sage.
- Meyers, L. S., Gamst, G., and Guarino, A. J. (2006). *Applied Multivariate Research:*Design and Interpretation, London, Sage.
- Miao, R-T., Hou, X-L and Kim D. (2011). The antecedents and consequences of job satisfaction in China. *Advance in Education and Management*, 211, 141-147.
- Michaels, C. E., and Spector, P. E. (1982). Causes of employee turnover: A test of the Mobley, Griffith, Hand, and Meglino model. *Journal of Applied Psychology*, 67(1), 53-59.
- Mio, R. T. (2011). Perceived Organizational Support, Job Satisfaction, Task Performance and Organizational Citizenship Behavior in China. *Journal of Behavioral and Applied Management*, 105-127.
- Mobley, W. H. (1982). *Employee turnover: Causes, consequences, and control.*Reading, MA: Addison-Wesley Publishing.
- Moilanen, R. (2005). Diagnosing and measuring learning organizations. *The Learning Organization*, 12(1), 71-89.
- Moorman, R. H., and Blakely, G. L. (1995). Individualism-Collectivism as an individual difference predictor of organizational citizenship behavior. *Journal of Organizational Behavior*, *16*, 127–142.

- Morin A. J. S., Morizot, J., Boudrias, J., and Madore, I. (2011). A Multifoci Person-Centered Perspective on Workplace Affective Commitment: A Latent Profile/Factor Mixture Analysis. *Organizational Research Methods*, 14(1), 58-90.
- Motowidlo, S. J. (2000). Some basic issue related to contextual performance and organizational citizenship behavior in human resource management. *Human Resource Management Review*, 10(1), 115-126.
- Mowday, R. T. (1998). Reflections on the study and relevance of organizational commitment. *Human Resource Management Review*, 8(4), 387-401.
- Mowday, R. T., Porter, L. W., and Steers, R. M. (1982). Employee-Organization Linkages: The Psychology of Commitment, Absenteeism, and Turnover. Academic Press, New York, NY.
- Mowday, R., Steers, R., and Porter, L. (1979). The measurement of organizational commitment. *Journal of Vocational Behavior*, *14*, 224-247.
- Mulki, J., Jaramillo, F., and Locander, W. (2006). Effects of Ethical Climate and Supervisory Trust on Salesperson's Job Attitudes and Intention to Quit. *Journal of Personal Selling & Sales Management, 26(1),* 19-26.
- Murstein, B. I., Cerreto, M. G., and MacDonald, M. G. M. (1977). A theory and investigation of the effect of exchange-orientation on marriage and friendship. *Journal of Marriage and the Family*, *3*, 543-548.
- Muse, L. A. and Wadsworth, L. L. (2012). An examination of traditional versus non-traditional benefits. *Journal of Managerial Psychology*, 27(2), 112-131.
- Muse, L. A., and Stamper, C. L. (2007). Perceived Organizational Support: Evidence for a Mediated Association with Work Performance. *Journal of Managerial Issues*, 19(4), 517-535.
- Muthen B. (2011). Applications of Causally Defined Direct and Indirect Effects in Mediation Analysis using SEM in Mplus.
- Muthuveloo, R., and Rose, R. C. (2005). Antecedents of organizational commitment among malaysian engineers. American Journal of Applied Sciences, 2, 1095-1100.
- Nadiri, H., and Tanova, C. (2010). An investigation of the role of justice in turnover intentions, job satisfaction, and organizational citizenship behavior in hospitality industry. *International Journal of Hospitality Management*, 29, 33–41.

- Najafi, S., Noruzy, A., Azar, H. K., Nazari-Shirkouhi, S., and Dalvand, M. R. (2011). Investigating the relationship between organizational justice, psychological empowerment, job satisfaction, organizational commitment and organizational citizenship behavior: An empirical model. *African Journal of Business Management*, 5(13), 5241-5248.
- Neuman, W. L. (2009). *Understanding Research*. London. Pearson Education Inc.
- Newman, A., Thanacoody, R., and Hui, W. (2012). The effects of perceived organizational support, perceived supervisor support and intra-organizational network resources on turnover intentions: A study of Chinese employees in multinational enterprises. *Personnel Review*, 41(1), 56 72.
- Newman, A., Thanacoody, R., and Hui, W. (2012). The effects of perceived organizational support, perceived supervisory support and intra-organizational network resources on turnover intentions: A study of Chinese employees in multinational enterprises. *Personnel Review*, 41(1), 56-72.
- Ngo, H-y., Loi, R., Foley, S., Zheng, X. and Zhang, L. (2013). Perception of organizational context and job attitudes: The mediating effect of organizational identification. Asia Pacific Journal of Management, 30, 149-168.
- Ngunia, S., Sleegers, P., and Denessen, E. (2006). Transformational and Transactional Leadership Effects on Teachers' Job Satisfaction, Organizational Commitment, and Organizational Citizenship Behavior in Primary Schools: The Tanzanian case. School Effectiveness and School Improvement, 17(2), 145-177.
- Noe, R. A., Hollenbeck, J., Gerhart, B., and Wright, P. (2005). *Human resource management: Gaining a competitive advantage* (5th ed.). New York: McGraw-Hill.
- Nonaka, I. (1991). The knowledge creating company. *Harvard Business review*, 96-104.
- Nunnally, J. C. (1978). *Psychometric theory* (2nd ed.). New York: McGraw-Hill.
- Nye, L. G., and Witt, L. A. (1993). Dimensionality and construct-validity of the Perceptions of Organizational Politics Scale (POPS). *Educational and Psychological Measurement*, *53*, 821–829.

- O'Malley, M. (2000). Creating commitment: How to attract and retain talented employees by building relationships that last. New York: John Wiley & Sons, Inc.
- Organ, D. W. (1988). Organizational citizenship behavior: The good soldier syndrome. Lexington, MA: Lexington Books.
- Organ, D. W. (1990a). The motivational basis of organizational citizenship behavior.
 In B. M. Staw & L. L. Cummings (Eds.), *Research in organizational behavior*, 12, 43–72. Greenwich, CT: JAI Press.
- Organ, D. W. (1990b). The subtle significance of job satisfaction. *Clinical Laboratory Management Review*, 4, 94–98.
- Organ, D. W. (1997). Organizational citizenship behavior: It's construct clean-up time. *Human Performance*, 10(2), 85-97.
- Organ, D. W. and Ryan, K., (1995). A meta-analytic review of attitudinal and dispositional predictors of organizational citizenship behaviour. *Personnel psychology*, 48, 775–802.
- Organ, D. W., and Konovsky, M. A. (1989). Cognitive versus affective determinants of organizational citizenship behavior. *Journal of Applied Psychology*, 74, 157–164.
- Organ, D. W., Podsakoff, P. M., and Mackenzie, S. B. (2005). *Organizational citizenship behavior: Its nature, antecedents and consequences*. Sage, Thousand Oaks, CA.
- Organ, D. W., Podsakoff, P. M., and MacKenzie, S. B. (2006). *Organizational citizenship behavior: Its nature, antecedents, and consequences.* Thousand Oaks, CA: Sage.
- Ortenbald, A. (2001). On differences between organizational learning and learning organization. *The Learning Organization*, 8(3/4), 125-133.
- Örtenblad, A. (2004). The learning organization: Towards an integrated model. *The Learning Organization*, 11, 129–144.
- Oshagbemi, T. (1999). Academics and their managers: A comparative study in job satisfaction. *Personnel Review*, 28(1/2), 108-123.
- Osterman, P. (1995). Work family programs and the employment relationship. *Administrative Science Quarterly*, 40(4), 681-700.

- Ostroff, C. (1993). The effects of climate and personal influences on individual behavior and attitudes in organizations. *Organizational Behavior and Human Decision Processes*, *56*, 56-90.
- Paillé, P., Bourdeau, L., and Galois, I. (2010). Support, trust, satisfaction, intent to leave and citizenship at organizational level: A social exchange approach. *International Journal of Organizational Analysis*, 18 (1), 41 58.
- Paillé, P., Grima, F., and Dufour, M. (2012). Contribution to social exchange in public organizations: examining how support, trust, satisfaction, commitment and work outcomes are related. *The International Journal of Human Resource Management*, 1-27.
- Pallant, J.F. (2011). SPSS Survival Manual: a step by step guide to data analysis using SPSS (4th ed.). Crows Nest, NSW: Allen & Unwin.
- Pantouvakis, A., and Bouranta, N. (2013). The link between organizational learning culture and customer satisfaction Confirming relationship and exploring moderating effect. *The learning organization*, 20(1), 48-64.
- Pare, G., and Tremblay, M. (2007). The influence of high-involvement human resources practices, procedural justice, organizational commitment, and citizenship behaviors on information technology professionals turnover intentions. *Group & Organization Management*, 32(3), 326-357.
- Pearce, J. L., and Gregersen, H. B. (1991). Task interdependence and extra-role behavior: A test of the mediating effects of felt responsibility. *Journal of Applied Psychology*, 76, 838-844.
- Pedler, M., Boydell, T., and Burgoyne, J. (1989). Towards the learning company. *Management Education and Development*, 20, 1-8.
- Pedler, M., Burgoyne, J., and Boydell, T. (1991). *The learning company: A strategy for sustainable development*. London: McGraw-Hill.
- Pepe, M. (2010). The Impact of Extrinsic Motivational Dissatisfiers on Employee Level of Job Satisfaction and Commitment Resulting in the Intent to Turnover. *Journal of Business and Economics Research*, 8(9), 99-107.
- Perryer, C., Jordan, C., Firns, I. and Travaglione, A. (2010). Predicting turnover intentions: The interactive effects of organizational commitment and perceived organizational support. *Management Research Review*, 33(9), 911-923.

- Peters, T. J., and Waterman, R. H. (1982). *In search of excellence: lesson's from American's best run companies*. New York: Harper & Row.
- Peterson, R. A. (2000). Constructing Effective Questionnaires. London: Sage.
- Piercy, N., Cravens, D., Lane, N., and Vorhies, D., (2006). Driving organizational citizenship behaviors and salesperson in-role behavior performance: the role of manage- ment control and perceived organizational support. *Journal of the Academy of Marketing Science*, 34(2), 244–262.
- Podsakoff, N. P., Whiting, S. W., Podsakoff, P. M. and Blume, B. D. (2009). Individual and organizational level consequences of organizational citizenship behaviors: A meta-analysis. *Journal of Applied Psychology*, 94(1), 122-141.
- Podsakoff, P. M., Ahearne, M., and MacKenzie, S. B. (1997). Organizational citizenship behavior and the quantity and quality of work group performance. *Journal of Applied Psychology*, 82, 262–270.
- Podsakoff, P. M., MacKenzie, S. B. and Hui, C. (1993). Citizenship behaviors and fairness in organizations: issue and directions for future research. *Employees Responsibilities and Rights Journal*, *6*, 257-269.
- Podsakoff, P. M., MacKenzie, S. B., and Bommer, W. H. (1996). Transformational leader behaviors and substitutes for leadership as determinants of employee satisfaction, commitment, trust, and organizational citizenship behaviors. *Journal of Management*, 22, 259–298.
- Podsakoff, P. M., MacKenzie, S. B., Paine, J. B., and Bachrach, D. G. (2000). Organizational citizenship behaviors: A critical review of the theoretical and empirical literature and suggestions for future research. *Journal of Management*, 26(3), 513-563.
- Podsakoff, P., and MacKenzie, S. (1994). Organizational citizenship behaviors and sales unit effectiveness. *Journal of Marketing Research*, *31*, 351-363.
- Popper, M., and Lipshitz, R. (2000). Installing mechanisms and instilling values: the role of leaders in organizational learning. *The Learning Organization*, 7(3), 135-144.
- Porter, L. W., Steers, R. M., Mowday, R. T., and Boulin, P. V. (1974). Organizational commitment, job satisfactions, and turnover among psychiatric technicians. *Journal of Applied Psychology* 59(5), 603-609.

- Preacher, K. J., and Hayes, A. F. (2004). SPSS and SAS procedures for estimating indirect effects in simple mediation models. *Behavior Research Methods, Instruments, and Computers*, *36*, 717-731.
- Preacher, K. J., and Hayes, A. F. (2008). Contemporary approaches to assessing mediation in communication research. In A. F. Hayes, M. D. Slater, & L. B. Snyder (Eds.), The Sage sourcebook of advanced data analysis methods for communication research (pp. 13-54). Thousand Oaks, CA: Sage.
- Price, J. L (1977). *The study of turnover* (1st ed.). Ames, IW: Iowa State University Press.
- Rahim, M. A. (1995). Issues in organizational learning. *The International Journal of Organizational Analysis*, 3(1), 5-9.
- Rebelo, T. M., and Gomes, A. D. (2008). Organizational learning and the learning organization: Reviewing evolution for prospecting the future. *The Learning Organization*, 15(4), 294-308.
- Reichers, A. (1985). A review and reconceptialitzion of organizational commitment. The Academy of Management Review, 10(3), 465-476.
- Reid, M. F., Riemenschneider, C. K., Allen, M. W., and Armstrong, D. J. (2008).
 Information Technology Employees in State Government: A Study of Affective Organizational Commitment, Job Involvement, and Job Satisfaction. The American Review of Public Administration, 38(1), 41-61.
- Restubog, S., Hornsey, M., Bordia, P., and Esposo, S. (2008). Effects of psychological contract breach on organizational citizenship behaviour: insights from the group value model. *Journal of Management Studies*, 45(8), 1377-1400.
- Revans, R. W. (1979). *Action learning: New techniques for management*. London: Blond and Brigge.
- Rhoades, L., and Eisenberger, R., (2002). Perceived organizational support: a review of the literature. *Journal of Applied Psychology*, 87(4), 698–714.
- Rhoades, L., Eisenberger, R., and Armeli, S. (2001). Affective commitment to the organization: The contribution of perceived organizational support. *Journal of Applied Psychology*, 86, 825–836.
- Riggle, R. J., Edmondson, D. R., and Hansen, J. D. (2009). A meta-analysis of the relationship between perceived organizational support and job outcomes: 20 years of research. *Journal of Business Research*, 62, 1027-1030.

- Rijal, S. (2010). Leadership style and organizational culture in learning organization: a comparative study. *International Journal of Management and Information Systems*, 14(5), 119-127.
- Robbins, S. P., and Judge, T. A. (2010). Organizational Behavior. NY, Prentice Hall.
- Roberts, K. H. (1970). On looking at an elephant: an evaluation of cross-cultural research related to organizations. *Psychological Bulletin*, 74, 327-50.
- Robinson, D., Perryman, S., and Hayday, S. (2004). *The Drivers of Employee Engagement*. Institute for Employment Studies, Brighton.
- Romer, P. (1986). Increasing returns and long-run growth. *Journal of political economy*, 98, 1002-10037.
- Romme, A. G. L., and Van-Witteloostuijn, A. (1999). Circular organizing and triple loop learning. *Journal of Organizational Change Management*, 12(5), 439-54.
- Rousseau, D. M. (1989). Psychological and implied contracts in organizations. Employee Responsibilities and Rights Journal, 2, 121-139.
- Rowden, R. W., and Ahmad, S. (2000). The relationship between workplace learning and job satisfaction in small to mid-sized business in Malaysia. *Human Resource Development International*, 3(3), 307-322.
- Rowley, J (1998). Creating a learning organisation in higher education. *Industrial* and Commercial Training, 30(1), 16-19.
- Ruane, J. M. (2005). Essentials of Research Methods: A guide to social sciences research. London: Blackwell Publishing.
- Runhaar, P., Konermann, Sanders, K. (2013). Teachers' organizational citizenship behavior: Considering the roles of their work engagement, autonomy and leader-member exchange. *Teaching and Teacher Education*, *30*, 99-108.
- Rutherford, B., Park, J., and Han, S. L. (2011). Increasing job performance and decreasing salesperson propensity to leave: An examination of an Asian sales force. *Journal of Personal Selling and Sales Management*, 31(2), 171-183.
- Rutherford, B., Park, J., and Han, S-L. (2011). Increasing job performance and decreasing salesperson propensity to leave: An examination of an Asian sales force. *Journal of Personal Selling and Sales Management*, 31(2), 171-183.
- Sagie, A. (1998). Employee absenteeism, organizational commitment, and job satisfaction: Another look. *Journal of Vocational Behavior*, *52(2)*, 156-171.

- Saks, A. M. (2006). Antecedents and consequences of employee engagement. Journal of Managerial Psychology, 21(7), 600-619.
- Saks, A. M., and Gruman, J. A. (2011). Getting newcomers engaged: the role of socialization tactics. *Journal of Managerial Psychology*, 26(5), 383-402.
- Salant, P., and Dillman, D. A. (1994). *How to conduct your own survey*. New York: John Wiley & Sons, Inc.
- Salm, J., and Amboni, N. (1997). A empresa que aprende baseada no conhecimento. Revista Brasileira de Administrac, 7(19), 44-49.
- Schein, E. (1993). On dialogue, culture, and organizational learning. *Organizational Dynamics*, 22(2), 40-51.
- Scheuren, F. (2004). What is a survey? Alexandria, VA: American Statistical Associaton.
- Schmidt, S. W. (2007). The relationship between satisfaction with workplace training and overall job satisfaction. *Human Resource Development Quarterly*, 18(4), 481-498.
- Sekaran, U. (2000). *Research Methods for Business: A Skill -Building Approach* (3ed ed.). New York: John Wiley & Sons, Inc.
- Senge, P. (1990). The Fifth Discipline: The Art and Practice of the Learning Organization, Doubleday Currency, New York, NY.
- Settoon, R. P., and Mossholder, K. W. (2002). Relationship quality and relationship context as antecedents of person- and task-focused interpersonal citizenship behavior. *Journal of Applied Psychology*, 87, 255-267.
- Settoon, R. P., Bennett, N., and Liden, R. C., (1996). Social exchange in organizations: perceived organizational support, leader–member exchange, and employee reciprocity. *Journal of Applied Psychology*, 81(3), 219–227.
- Shagholi, R., Zabihi, M. R., Atefi, M., and Moayedi, F. (2011). The consequences of organizational commitment in education. *Procedia social and behavioral sciences*, 15, 246-250.
- Shaw, J. D., Delery, J. E., and Abdulla, M. H. A. (2003). Organizational commitment and performance among guest workers and citizens of an Arab country. *Journal of Business Research*, *56*, 1021-1030.
- Sher, P. J., and Lee, V. C. (2004). Information technology as a facilitator for enhancing dynamic capabilities through knowledge management. *Information* and Management, 41, 933-945.

- Shin, H. S., and Reyes, P. (1995). Teacher Commitment and Job Satisfaction: A Causal Analysis. *Journal of School Leadership*, *5*, 22-39.
- Shore, L. M., Tetrick, L. E., Lynch, P., and Barksdale, K. (2006). Social and economic exchange: Construct development and validation. *Journal of Applied Social Psychology*, 36(4), 837-867.
- Shore, T., Sy, T., and Strauss, J. (2006). Leader responsiveness, equity sensitivity, and employee attitudes and behavior. *Journal of Business and Psychology*, 21, 227-241.
- Shuck, M. B., Rocco, T. S., and Albornoz, C. A. (2011). Exploring employee engagement from the employee perspective: implications for HRD. *Journal of European Industrial Training*, 35(4), 300-325.
- Singh, A. K., and Singh, A. P. (2010). Role of Stress and Organizational Support in Predicting Organizational Citizenship Behavior. *The IUP Journal of Organizational Behavior*, *IX* (4), 7-25.
- Singleton, R. A., and Straits, B. C. (2005). *Approaches to social research (4th Ed.)*. Oxford University Press.
- Smith, C. A., Organ, D. W., and Near, J. P. (1983). Organizational citizenship behavior: Its nature and antecedents. *Journal of Applied Psychology*, 68, 655-663.
- Sobel, M. E. (1982). Asymptotic confidence intervals for indirect effects in structural equation models. *Sociologicsl Methodology*, *13*, 290–312.
- Somech, A., and Drach-Zahavy, A. (2004). Exploring organizational citizenship behavior from an organizational perspective: The relationship between organizational learning and organizational citizenship behavior. *Journal of Occupational and Organizational Psychology*, 77, 281-298.
- Somers, M. J. (2009). The combined influence of affective, continuance and normative commitment on employee withdraws. *Journal of Vocational Behavior*, 74, 75-81.
- Song, J. H., and Kolb, J. A. (2009). The influence of learning culture on perceived knowledge conversion: An empirical approach using structural equation modelling. *Human Resource Development International*, 12, 529–550.
- Song, J. H., Joo, B., and Chermack, T. J. (2009). The dimensions of learning organization questionnaire (DLOQ): A validation study in a Korean context. Human Resource Development Quarterly, 20, 43–64.

- Song, J. H., Kim, H. M., and Kolb, J. A. (2009). The effect of learning organization culture on the relationship between interpersonal trust and organizational commitment. *Human Resource Development Quarterly*, 20, 147–167.
- Spector, P. E. (1985). Measurement of human service staff satisfaction: Development of the job satisfaction survey. *American Journal of Community Psychology*, 13(6), 693-713.
- Spector, P. E. (1997). *Job Satisfaction: Application, assessment, causes, and consequences.* Thousand Oaks, CA: Sage.
- Stamper, C. L., and Johlke, M. C. (2003). The impact of perceived organizational support on the relationship between boundary spanner role stress and work outcomes. *Journal of Management*, 29(4), 569–588.
- Steel, R. P. and Ovalle, N. K. (1984). A review and meta-analysis of research on the relationship between behavioral intentions and employee turnover. *Journal of Applied Psychology*, 69(4), 673-686.
- Steer, R. M. (1977). Antecedents and outcomes of organizational commitment. *Admin Sciences Quarterly*, 22, 45-56.
- Stinglhamber, F., de Cremer, D., and Mercken, L. (2006). Perceived support as a mediator of the relationship between justice and trust. *Group & Organization Management*, 31(4), 442-468.
- Su, S., Baird, K., and Blair, B. (2009). Employee organizational commitment: the influence of cultural and organizational factors in Australian manufacturing industry. *The International Journal of Human Resource Management, 20(12)*, 2494-2516.
- Suazo, M. M., and Stone-Romero, E. F. (2011). Implications of psychological contract breach: A perceived organisational support perspective. *Journal of Managerial Psychology*, *26(5)*, 366–382.
- Suliman, A. A., and Al-Junaibi, Y. (2010). Commitment and turnover intentions in the UAE oil industry. *The International Journal of Human Resource Management*, 21(9), 1472-1489.
- Sun, H. C. (2003). Conceptual clarifications for organizational learning, learning organization and a learning organization. *Human Resource Development International*, 6(2), 153-166.
- Sun, P. Y. T., and Scott, J. L. (2003). Exploring the divide: organizational learning and learning organization. *The learning organization*, 10 (4/5), 202-215.

- Swanson, R. A., and Holton, E. F. (2001). Foundations of human resource development. San Francisco, CA: Berrett-Koehler.
- Tabachnick, B. G., and Fidell, L. S. (2001). *Using multivariate statistics* (4th ed.). Needham Heights, MA: Allyn & Bacon.
- Tekleab, A. G., and Chiaburu, D. S. (2011). Social exchange, empirical examination of form and focus. *Journal of Business Research*, *64*, 460-466.
- Tenbrink, A. N. (2012). The Straw that Breaks the Camel's Back: Do Shocks Moderate the Relationship between Attitudinal Variables and Turnover?. Master's thesis submitted to The College of Arts and Sciences: Ohio University.
- Terre- Blanche, M., Durrheim, K., and Painter, D. (2006). *Research in practice:*Applied methods for the social sciences. Cape Town: University of Cape Town Press.
- Tett, R. P., and Meyer, J. P. (1993). Job satisfaction, organizational commitment, turnover intention, and turnover: path analyses based on meta-analytic findings. *Personnel Psychology*, 46(2), 259-293.
- Thatcher, J. B., Stepina, L. P., and Boyle, R. J. (2002). Turnover of information technology workers: Examining empirically the influence of attitudes, job characteristics, and external markets. *Journal of Management Information Systems*, 19(3), 231-261.
- Thierry, H. K., and Koopmann-Iawma, A. M. (1984). Motivation and satisfaction. In P.v Drenth, H. Thierry, P. Willems, and C. deWolff (Eds.), *Handbook of Work and OrganizationalPsychology* (pp. 131-175). New York: Wiley.
- Thite, M. (2012). Strategic global human resource management: case study of an emerging Indian multinational. *Human Resource Development International*, 15(2), 239-247.
- Tsai, P. C. F., Yen, Y. F., Huang, L. C., and Huang, I. C. (2007). A study on motivating employees learning commitment in the pos-downsizing era: Job satisfaction perspective. *Journal of World Business*, 42, 157-169.
- Tsang, E. (1997b). Organizational learning and the learning organization: A dichotomy between descriptive and prescriptive research. *Human Relations*, 50(1), 73-89.

- Tsui, A. S., Pearce, J. L., Porter, L. W., and Tripoli, A. M. (1997). Alternative approaches to the employee–organization relationship: does investment in employees pay off? *Academy of Management Journal*, 40, 1089–1121.
- Turner, N., Stride, C.B., Carter, A.J., McCaughey, D., and Carroll, A.E. (2011). Job demands-control-support model and employee safety performance. *Accident Analysis and Prevention*. Article in Press
- Turunç, Ö., and Çelik, M. (2010). The effects of Perceived Organizational Support and Work Stress on Organizational Identification and Job Performance. *Journal of Management and Economics*, 17(2), 183-206.
- Tuzun, I. K. and Kalemci, R. A. (2012). Organizational and supervisory support in relation to employee turnover intentions. *Journal of Managerial Psychology*, 27(5), 518-534.
- Uygur, A. (2004). Örgütsel baglılık ve isgören performansı. Türkiye Vakıflar Bankası Ankara, _stanbul ve_zmir ili subelerine yönelik alan arastırması. Yayımlanmamıs Doktora Tezi. Hacettepe Üniversitesi, Sosyal Bilimler Enstitüsü.
- Van Scotter, J. R., and Motowidlo, S. J. (1996). Interpersonal facilitation and job dedication as separate facets of contextual performance. *Journal of Applied Psychology*, 81, 525–531.
- Vandenberghe, C., and Tremblay, M. (2008). The role of pay satisfaction and organizational commitment in turnover intentions: A two-sample study. *Journal of Business and Psychology*, 22(3), 275-286.
- Veitch, R. W. D. and Cooper-Thomas, H. D. (2009). Tit for tat? Predictors of temporary agency workers' commitment. Asia Pacific Journal of Human Resources, 47(3), 318-337.
- Walz, S. M., and Niehoff, B. P. (1996). Organizational citizenship behaviors and their effect on organizational effectiveness in limited-menu restaurants. In J. B. Keys & L. N. Dosier (Eds.), Academy of Management Best Papers Proceedings, 307–311.
- Wang, J. C., Lin, C. H., and Tsai, K. H. (2007). Science and technology manpower policy and an estimation of high tech manpower demand for regional operation centre: The case of Taiwan. *International Journal of Technology Management*, 38(3), 268-291.

- Wang, L., Tao, H., Ellenbecker, C. H. and Liu, X. (2011). Job satisfaction, occupational commitment and intent to stay among Chinese nurses: a cross-sectional questionnaire survey. *Journal of Advanced Nursing*, 63(3), 539-549.
- Wang, X. (2005). Relationships among organizational learning culture, job satisfaction, and organizational commitment in Chinese state—owned and privately owned enterprises. Unpublished doctoral dissertation. University of Minnesota, Minneapolis/St. Paul.
- Wang, X. (2007). Learning, job satisfaction and commitment: an empirical study of organizations in China. *Chinese Management Studies*, 1(3), 167-179.
- Wang, Y. (2008). Emotional bonds with supervisor and co-workers: Relationship to organizational commitment in China's foreign-invested companies. *The International Journal of Human Resource Management*, 19, 916-931.
- Watkins, K. E., and Marsick, V. J. (1993). Sculpting the learning organization: Consulting using action technologies. *New Directions for Adult and Continuing Education*, 58(2), 81–90.
- Watkins, K. E., and Marsick, V. J. (1997). *Dimensions of the learning organization*. Warwick, RI: Partners for the Learning Organization.
- Wayne, S. J., Shore, L. M., and Liden, R. C. (1997). Perceived organizational support and leader-member exchange: A social exchange perspective. *Academy of Management Journal*, 40 (1), 82-111.
- Wayne, S. J., Shore, L. M., Boommer, W. H., and Tetrick, L. E. (2002). The role of fair treatment and rewards in perceptions of organizational support and leader-member exchange. *Journal of Applied Psychology*, 87(3), 590-598.
- Weiner, Y. (1982). Commitment in Organization: A Normative View. *Academy of Management Review*, 7, 418-428.
- Werner, J. M. (2000). Implications of OCB and contextual performance for Human Resource Management. *Human Resource Management Review*, 10, 3-24.
- Wickramasinghe, V. and Perera, S. (2012). Effects of perceived organization support, employee engagement, and organizational citizenship behavior on quality performance. *Total Quality Management and Business Excellence*, http://dx.doi.org/10.1080/14783363.2012.728855
- Wickramasinghe, V., and Perera, S. (2012). Effects of perceived organisation support, employee engagement and organisation citizenship behaviour on

- quality performance. *Total Quality Management & Business Excellence*, 1-15.
- Williams, L. J., and Anderson, S. E. (1991). Job satisfaction and organizational commitment as predictors of organizational citizenship and in-role behaviors. *Journal of Management*, 17(3), 601-617.
- Wingwon, B., and Piriyakul, M. (2010). *PLS path model for antecedents and consequences of perceived organizational support (POS) of small and medium enterprise employees in Lampang Province*, Thailand. Retrieved on Oct 30, 2011 from http://www.mbalpru.com/webnew2009/pdf/article28.pdf.
- Witt, L. A. (1991). Exchange ideology as a moderator of job-attitudes—organizational citizenship behaviors relationships. *Journal of Applied Social Psychology*, *21*, 1490–1501.
- Wong, Y., Wong, C., and Ngo, H. (2012). The effects of trust in organisation and perceived organisational support on organisational citizenship behaviour: a test of three competing models. *The International Journal of Human Resource Management*, 23(2), 278-293.
- Woo, B. (2009). Cultural effects on work attitudes and behaviors: The case of American and Korean fitness employees. PhD. Dissertation, Ohio State University, USA.
- Wu, F., and Cavusgil, S. T. (2006). Organizational learning, commitment, and joint value creation in interfirm relationships. *Journal of Business Research*, 59(1), 81-89.
- Xie, D. (2005). Exploring organizational learning culture, job satisfaction, motivation to learn, organizational commitment, and internal service quality in a sport organization. Ph.D. thesis. Columbus, OH: Ohio State University.
- Yang, B. (2003). Identifying valid and reliable measures for dimensions f a learning culture. *Advances in Developing Human Resources*, *5(2)*, 152-162.
- Yang, B., Watkins, K., and Marsick, V. (2004). The construct of the learning organizations: Dimensions, measurement and validity. *Human Resource Development Quarterly*, 15(1), 31-35.
- Yavuz, M. (2010). The effects of teachers' perception of organizational justice and culture on organizational commitment. *African Journal of Business Management*, 4(5), 695-701.

- Yew, L. T. (2011). Understanding the antecedents of affective organizational commitment and turnover intentions of academics in Malaysia: The organizational support theory perspective. *African Journal of Business Management*, 5(7), 2551-2562.
- Yi, H. Y., and Lee, M. K. (2012). The Meditating Role of Job Satisfaction and Organizational Commitment in the Relationship between Each of Job Characteristics and Turnover Intentions of Shopping Center Employees. *Journal of Global Academy of Marketing Science*, 10(1), 27-43.
- Yuthas, K., Dillard, J. F., and Rogers, R. K. (2004). Beyond agency and structure: triple-loop learning. *Journal of Business Ethics*, *51(2)*, 229-43.
- Zeinabadi, H. (2010). Job satisfaction and organizational commitment as antecedents of Organizational Citizenship Behavior (OCB) of teachers. *Procedia Social and Behavioral Sciences*, *5*, 998–1003.
- Zheng, W., Qu, Q., and Yang, B. (2009). Toward a theory of organizational culture evolution. *Human Resource Development Review*, 8, 151–173.
- Zikmund, W. G. (2003). *Exploring Marketing Research*. Cincinnati, Ohio: Thomson/South Western.