

UNIVERSITI PUTRA MALAYSIA

CAREER SUCCESS OF MANAGERS AND THE MODERATING ROLES OF GENDER AND MANAGERIAL LEVEL IN THE MALAYSIAN PUBLIC SECTOR

ROZIAH MOHD RASDI

FPP 2009 14



CAREER SUCCESS OF MANAGERS AND THE MODERATING ROLES OF GENDER AND MANAGERIAL LEVEL IN THE MALAYSIAN PUBLIC SECTOR

ROZIAH MOHD RASDI

DOCTOR OF PHILOSOPHY UNIVERSITI PUTRA MALAYSIA

2009



CAREER SUCCESS OF MANAGERS AND THE MODERATING ROLES OF GENDER AND MANAGERIAL LEVEL IN THE MALAYSIAN PUBLIC SECTOR

By

ROZIAH MOHD RASDI

Thesis Submitted to the School of Graduate Studies, Universiti Putra Malaysia, in Fulfilment of the Requirements for the Degree of Doctor of Philosophy



Abstract of thesis presented to the Senate of University Putra Malaysia in fulfillment of the requirements for the degree of Doctor of Philosophy

CAREER SUCCESS OF MANAGERS AND THE MODERATING ROLES OF GENDER AND MANAGERIAL LEVEL IN THE MALAYSIAN PUBLIC SECTOR

By

ROZIAH MOHD RASDI

September 2009

Chairman:

Professor Maimunah Ismail, PhD

Faculty:

Faculty of Educational Studies

Examination of the career literature indicated that career success studies did not consider the diverse effects of the individual, structural and behavioral approaches. In addition, there were less career success studies in testing the moderating role of gender and managerial level. Thus, this study aims to examine the factors explaining career success (objective and subjective) of managers and the moderating roles of gender and managerial level in the relationships between the career success variables. This cross-sectional correlational study was conducted on 288 managers of various managerial grades who worked in several public organizations in Putrajaya, the federal administrative center of Malaysia, and managers who attended the training program conducted by the National Institute for Public Administration. They were chosen using a stratified random sampling procedure. A quantitative survey was designed using self-administered questionnaire. Managers' career success was conceptualized using the Social Cognitive Career Theory (SCCT). The theory highlights the three main career success approaches and the reciprocal person-environment interactions, all of which explain individual's career success.



The findings of this study revealed that managers' objective and subjective career success were explained by different facets of variables. Variations in monthly gross incomes and number of promotions were explained by self-esteem, work centrality, networking behaviors, and computer skills. Computer skills negatively explained objective career success. On the other hand, variation in subjective career success was described by self-efficacy, self-esteem and organizational socialization. Managerial level moderated the relationships between the organizational and managerial competencies-related variables and both indicators of objective career success. However, gender was not a moderator in the study.

The study concluded that a profile of a successful manager is obtained showing the differential profile of factors for objective and subjective career success. Managers' career success is a function of individual, organizational and managerial competencies factors, and managers' subjective career success is influenced by organizational learning. The study also concluded that the individual, organizational, managerial competencies and P-E fit factors were no difference in the workplace in terms of gender, and managers' objective career success was influenced by managerial level. The study broadens the definition of career success measures by incorporating objective and subjective career aspects from the non-western context and addressed insufficient career success studies related to SCCT. In terms of practice, strong personalities, frequent networking and organizational learning need to become as important career development strategies for individual's career success.

Abstrak tesis yang dikemukakan kepada Senat Universiti Putra Malaysia sebagai memenuhi keperluan untuk Ijazah Doktor Falsafah

KEJAYAAN KERJAYA PENGURUS DAN PERANAN MODERASI GENDER DAN TAHAP PENGURUSAN DALAM SEKTOR AWAM DI MALAYSIA

Oleh

ROZIAH MOHD RASDI

September 2009

Pengerusi:

Profesor Maimunah Ismail, PhD

Fakulti:

Fakulti Pengajian Pendidikan

Analisis literatur kerjaya mendapati kajian-kajian tentang kejayaan kerjaya tidak mempertimbangkan kesan pelbagai daripada pendekatan individu, struktur dan tingkahlaku. Tambahan pula, kajian kejayaan kerjaya yang menguji peranan moderator gender dan tahap pengurusan adalah kurang. Oleh itu, kajian ini bertujuan untuk memeriksa faktor-faktor yang menerangkan kejayaan kerjaya (objektif dan subjektif) pengurus dan peranan moderasi gender dan tahap pengurusan dalam hubungan antara angkubah-angkubah kejayaan kerjaya. Kajian rentas korelasi ini telah dijalankan ke atas 288 pengurus dari pelbagai gred pengurusan yang telah bekerja di beberapa organisasi awam di Putrajaya, iaitu pusat pentadbiran persekutuan Malaysia, dan penguruspengurus yang telah menghadiri program latihan yang dikendalikan oleh Institut Tadbiran Awam Negara. Mer eka dipilih menggunakan prosedur persampelan rawak berstratifikasi. Satu survei kuantitatif telah direka bentuk menggunakan borang soalselidik yang dikendalikan sendiri oleh responden. Kejayaan kerjaya pengurus telah dikonsepsualisasikan menggunakan Teori Sosial Kognitif Kerjaya (TSKK). Teori ini menggariskan ketiga-tiga pendekatan utama kejayaan kerjaya dan interaksi timbal-balik individu-persekitaran, yang kesemuanya menerangkan kejayaan kerjaya individu.

Hasil kajian menunjukkan bahawa kejayaan kerjaya objektif dan subjektif penguruspengurus diterangkan oleh pelbagai variasi kumpulan angkubah. Variasi dalam
pendapatan kasar bulanan dan bilangan kenaikan pangkat telah diterangkan oleh
penghargaan kendiri, penumpuan kerja, tingkah laku jaringan kerja dan kemahiran
komputer. Kemahiran komputer telah menerangkan kejayaan kerjaya objektif secara
negatif. Sebaliknya, variasi dalam kejayaan kerjaya subjektif telah dihuraikan oleh
efikasi diri, penghargaan kendiri dan sosialisasi organisasi. Tahap pengurusan telah
memoderasikan hubungan antara angkubah-angkubah organisasi dan kompetensi
pengurusan dengan kedua-dua indikator kejayaan kerjaya objektif. Walau bagaimanapun,
gender didapati bukan satu moderator dalam kajian ini.

Kajian ini merumuskan bahawa satu profil seorang pengurus yang berjaya terhasil yang menunjukkan perbezaan profil faktor kejayaan kerjaya objektif dan subjektif. Kejayaan kerjaya pengurus merupakan satu fungsi faktor-faktor individu, organisasi dan kompetensi pengurusan, dan kejayaan kerjaya subjektif pengurus dipengaruhi oleh pembelajaran organisasi. Kajian juga merumuskan bahawa faktor individu, organisasi, kompetensi pengurusan dan kesesuaian individu-persekitaran adalah tidak berbeza di tempat kerja daripada segi gender, dan kejayaan kerjaya objektif pengurus dipengaruhi oleh tahap pengurusan. Kajian ini meluaskan definisi pengukuran kejayaan kerjaya dengan mengambil kira kejayaan kerjaya objektif dan subjektif dari konteks timur dan telah mengisi kekurangan kajian-kajian kejayaan kerjaya yang berkait dengan TSKK. Dari segi praktik, kekuatan personaliti, kekerapan jaringan kerja dan pembelajaran organisasi perlu menjadi strategi perkembangan kerjaya yang penting untuk kejayaan kerjaya individu.

ACKNOWLEDGEMENTS

In the name of Allah (SWT), the most Compassionate and the most Merciful, to whom I owe the strength and sense of purpose that have enabled me to undertake this dissertation, and without His grace and blessings it would not have been completed. Also, salawat and salam to Prophet Muhammad (PBUH), his family and his companions.

First, I would like to say a prayer for my late father, Mohd Rasdi bin Rais for his love, guardianship and ambition. My deep appreciation and love also go to my mother, Rukiah binti Abdullah for her consistent prayers and encouragement, as well as support and sacrifice, which will always be remembered but can never be repaid.

My heartfelt gratitude and appreciation go to my dissertation committee with Professor Dr. Maimunah Ismail as Chair, and Associate Professor Dr. Jegak Uli and Associate Professor Dr. Sidek Mohd Noah as members. These academics were a source of inspiration, motivation and support in all its form to me. To all the committee team, the gesture of putting at my disposal whatever I needed to complete this work would be cherished for the rest of my life.

This research effort also represents a culmination of great support of many organizations to whom I am deeply grateful. I thank the Universiti Putra Malaysia for the efforts given and full time paid leave for me to pursue this work. Special thanks also goes to the public organizations involved which located at Putrajaya and INTAN for the various official support and assistance rendered especially during the process of data collection. My appreciation is also extended to the 288 managers of the Malaysian public

organizations for their participation and cooperation in providing me with the research data.

Last but not least, my profound gratitude and deep love to the people of my life, my husband, Dr. Nik Mohd Asri bin Nik Long and our children, Nik Muhammad Ameer, Nik Nurul Aisyah, Nik Muhammad Amar, Nik Muhammad Aiman and Nik Muhammad Annas; and to the rest of my family for everything they have done and continue to do for me. I dedicated this work to these people for their endurance, steadfast love and timeless support to me.

TABLE OF CONTENTS

ABSTRACT ABSTRAK ACKNOWLEDGEMENTS APPROVAL DECLARATION LIST OF TABLES LIST OF FIGURES LIST OF APPENDICES LIST OF ABBREVIATIONS		page iiv vii viii x xv xviii xx
CHAPTER		
I	INTRODUCTION Background of the Study Managing Employees' Career Success in the	1 1
	Managing Employees' Career Success in the Changing Public Organizations	3
	Managers in the Malaysian Public Sector	7
	Malaysia Remuneration System	7
	Malaysian Statistics	9
	Statement of the Problem	12
	Objectives of the Study	14
	General Objective	14
	Specific Objectives	15
	Significance of the Study	15
	Scope and Limitation of the Study	18
	Assumption	20
П	LITERATURE REVIEW	21
	Introduction	21
	What is Career?	21
	The Definition of Career Success	22
	Conceptualization of Career Success	25
	Career Success of Managers	30
	Job Structure and Career Development of the	22
	Administrative and Diplomatic Officer	33
	Approaches in Career Success Studies	36 37
	The Individual Approach of Career Success The Structural Approach of Career Success	38
	The Behavioral Approach of Career Success	39
	The Social Cognitive Career Theory	40
	The Factors Explaining Managers' Career Success	48
	(i) I ndividual-Related Variables	48
	(ii) Person-Environment Fit	56
	(iii) Organizational-Related Variables	59
	(iv) Managerial Competencies-Related Variables	64



	The Effects of Individual-Related Variables on Career Success	68
	Self-efficacy	68
	Self-esteem	70
	Career Aspirations	71
	Work Centrality	73
	The Effects of Person-Environment Fit on Career Success	74
	The Effects of Organizational-Related Variables on Career Success	77
	Perceived Organizational Support	77
	Organizational Socialization	78
	The Effects of Managerial Competencies-Related Variables	
	on Career Success	80
	Individual Career Management	80
	Networking Behaviors	81
	Computer Skills	83
	The Moderating Variables	85
	The Nature of Moderators	85
	Gender as a Moderator Variable	87
	Managerial Level as a Moderator Variable	91
	Summary of the Chapter	94
III	RESEARCH METHODOLOGY	96
	Introduction	96
	The Research Framework	96
	6	100
	1 0	103
	•	103
	· · · · · · · · · · · · · · · · · · ·	104
	1 0	107
	e e	111
		112
	· ·	112
		113
	•	114
		115
	• • • • • • • • • • • • • • • • • • • •	119
		120
	1	120
		121
	(-,	122
		122
		123
	ε	123
		124
	1	125 126
	•	120 126
		120 127
	• •	127
	· · · · · · · · · · · · · · · · · · ·	127
	·	129



	Content Validity	132
	Data Collection Procedures	133
	Data Analyses	136
	Exploratory Data Analysis	136
	Descriptive Statistics	141
	Data Analyses for Specific Research Objectives	141
	Summary of the Chapter	148
IV	FINDINGS AND DISCUSSION	150
	Introduction	150
	Personal and Professional Profiles of the Respondents	151
	Level of Career Success	155
	Objective Career Success	155
	Subjective Career Success	158
	Level of the Independent Variables	159
	The Individual-Related Variables	159
	Person-Environment Fit	162
	The Organizational-Related Variables	164
	The Managerial Competencies-Related Variables	166
	The Relationships between the Independent	
	Variables and Manager's Career Success	168
	Objective Career Success	169
	Subjective Career Success	175
	Discussion	177
	Factors Explaining Managers' Career Success	180
	Objective Career Success	180
	Subjective Career Success	189
	Discussion	194
	Objective Career Success	194
	Subjective Career Success	197
	Moderator of Relationships between the Independent	
	Variables and Managers' Career Success	200
	Gender as a Moderator	201
	Managerial Level as a Moderator	203
	Discussion	218
	Gender as a Moderator	218
	Managerial Level as a Moderator	221
	The Overall Hypotheses Results	223
	Summary of the Chapter	226
V	SUMMARY, CONCLUSIONS AND	
	RECOMMENDATIONS	228
	Introduction	228
	Summary	228
	Methodology	231
	The Findings of the Study	232
	Conclusions	236
	The Study Suggested a Profile of a Successful Manager showing the Differential Profile of Factors	
	for Objective and Subjective Career Success	236
	•	



Managers' Career Success is a Function of Individual,	
Organizational and Managerial Competencies Factors	237
Organizational Learning is Instrumental for	
Managers' Subjective Career Success	238
Men and Women Managers are No Difference in the	
Workplace in terms of Individual, Organizational,	
Managerial Competencies and Work Adjustment	239
The Impact of Managerial Level on Managers'	
Objective Career Success is Pervasive	240
Implications	241
Implications for Theory	241
Implications for Practice	243
The Contributions of the Study to HRD and Career	246
Recommendations for Practice	248
Recommendations for Future Research	248
BIBLIOGRAPHY	252
APPENDICES	273
BIODATA OF STUDENT	326
LIST OF PUBLICATIONS	
CONSENT TO USE THE PUBLISHED ARTICLES	328



LIST OF TABLES

Table		Page
1	Employment Distribution by Occupation and Gender (2000-2005)	10
2	Distribution of Administrative and Diplomatic Officers by Managerial Grade and Gender, 2008	11
3	The Comparison of Related Concepts of Career Success	28
4	Synthesis of Career Success Measures	29
5	Constructs and Sources of the Instruments	114
6	Reliability Estimates for the Instruments in the Pre-test (n=27)	128
7	Collinearity Statistics for the Independent Variables	140
8	Guilford's Rule of Thumb	144
9	A Summary Table of Data Analyses	149
10	Sample Composition by Personal Characteristics (n=288)	152
11	Sample Composition by Professional Characteristics (n=288)	154
12	Levels of Career Success Components ($n = 288$)	156
13	Levels of Individual-Related Variables ($n = 288$)	160
14	Correlations between Work Centrality Items	162
15	Levels of Person-Environment Fit $(n = 288)$	163
16	Levels of Organizational-Related Variables ($n = 288$)	165
17	Levels of Managerial Competencies-Related Variables ($n = 288$)	168
18	Pearson Correlation Coefficients of Relationships between the Independent Variables and Log ₁₀ Monthly Gross Incomes	170
19	Pearson Correlation Coefficients of Relationships between the Independent Variables and Log ₁₀ Number of Promotions	171
20	Pearson Correlation Coefficients of Relationships between the Independent Variables and of Subjective Career Success	172 xv



21	Summary Results of the Relationships between the Independent Variables and Career Success (Objective and Subjective)	178
22	Estimates of Coefficients for the Model of Log ₁₀ Monthly Gross Incomes	182
23	Estimates of Coefficients for the Model of Log ₁₀ Number of Promotions	186
24	Estimates of Coefficients for the Model of Subjective Career Success	191
25	The Results of the Moderating Effects of Gender and Managerial Level between the Independent Variables and Career Success (Objective and Subjective)	202
26	Model Summary for MGI on ORV for Managerial Level	205
27	Coefficients for MGI on ORV for Managerial Level	205
28	Model Summary for MGI on MCRV for Managerial Level	208
29	Coefficients for MGI on MCRV for Managerial Level	208
30	Model Summary for NP on ORV for Managerial Level	211
31	Coefficients for NP on ORV for Managerial Level	211
32	Model Summary for NP on MCRV for Managerial Level	214
33	Coefficients for NP on MCRV for Managerial Level	215
34	The MMR Results for the Effects of ORV and Managerial Level on Objective Career Success	217
35	The MMR Results for the Effects of MCRV and Managerial Level on Objective Career Success	218
36	The Overall Hypotheses Testing	224
37	The MMR Results for the Effects of IRV and Gender on Career Success	322
38	The MMR Results for the Effects of P-E Fit and Gender on Career Success	322
39	The MMR Results for the Effects of ORV and Gender on Career Success	323
40	The MMR Results for the Effects of MCRV and Gender	



	on Career Success	323
41	The MMR Results for the Effects of IRV and Managerial Level on Career Success	324
42	The MMR Results for the Effects of P-E Fit and Managerial Level on Career Success	324
43	The MMR Results for the Effects of ORV and Managerial Level on Career Success	325
44	The MMR Results for the Effects of MCRV and Managerial Level on Career Success	325



LIST OF FIGURES

Figure		Page
1	The Hierarchical Grades in the Service Scheme of Administrative and Diplomatic Officers	9
2	Graph Showing the Numbers of Administrative and Diplomatic Officers by Managerial Grade and Gender, 2008	12
3	The Malaysian Public Service Department's Training Structure	34
4	Social Cognitive Career Theory showing Social Cognitive Influences on Career Choice Behaviors (Lent et al., 1994, p. 93)	43
5	A Moderated Relationship between X and Y	86
6	Moderating Effects of GENDER and MANAGEMENT LEVEL on the Relationships between the Independent Variables and Career Success	87
7	A Research Framework Showing the Relationships between the Selected Independent Variables, Moderating Variables and Dependent Variable (Career Success)	97
8	A Proposed Stratified Random Sampling Procedure According to Gender and Managerial Level (n=300)	109
9	Slopes for Log ₁₀ Monthly Gross Incomes on Organizational-Related Variables for Low and High Managerial Level Managers	207
10	Slopes for Log ₁₀ Monthly Gross Incomes on Managerial Competencies-Related Variables for Low and High Managerial Level Managers	210
11	Slopes for Log ₁₀ Number of Promotions on Organizational- Related Variables for Low and High Managerial Level Managers	213
12	Slopes for Log ₁₀ Number of Promotions on Managerial Competencies-Related Variables for Low and High Managerial Level Managers	216
13	The Miles and Shevlin's (2001) Graph of Effect Size	275
14	EDA Results for Monthly Gross Incomes	300



15	EDA Results for Log ₁₀ Monthly Gross Incomes	301
16	EDA Results for Number of Promotions	302
17	EDA Results for Log ₁₀ Number of Promotions	302
18	EDA Results for Subjective Career Success	303
19	EDA Results for Self-efficacy	304
20	EDA Results for Self-esteem	305
21	EDA Results for Career Aspirations	305
22	EDA Results for Work Centrality	306
23	EDA Results for Person-Environment Fit	307
24	EDA Results for Perceived Organizational Support	308
25	EDA Results for Organizational Socialization	308
26	EDA Results for Individual Career Management	309
27	EDA Results for Networking Behaviors	310
28	EDA Results for Computer Skills	311
29	A Bivariate Scatterplot showing the Relationships between the Independent Variables and Log ₁₀ Monthly Gross Incomes	315
30	A Bivariate Scatterplot showing the Relationships between the Independent Variables and Log ₁₀ Number of Promotions	316
31	A Bivariate Scatterplot showing the Relationships between the Independent Variables and Subjective Career Success	317
32	Various Plots for Multiple Regression Model (Log ₁₀ Monthly Gross Incomes)	318
33	Various Plots for Multiple Regression Model (Log ₁₀ Number of Promotions)	320
34	Various Plots for Multiple Regression Model (Subjective Career Success)	321



LIST OF APPENDICES

Append	Appendix	
A	The Malaysian Ministries (as of June 2008)	273
В	The Miles and Shevlin's (2001) Graph	275
C	The Letter of Approval from the Translator	276
D	The Letters of Approval from the Panels of Expert on the Content Validation of the Questionnaire	277
E	The Letters of Approval from the Administrative and Diplomatic Officers on the Content Validation of the Questionnaire	280
F	The Research Questionnaire	283
G	Samples of Letter of Application to the Organizations and Letter of Research Consent from the Organizations Involved	292
Н	The Cover Letter of the Questionnaire	297
I	The Letter of Application to INTAN and the Letter of Research Consent from INTAN	298
J	Exploratory Data Analysis: Visual Representations of the Data	300
K	Checking for Normality Assumption: The Skewness Value	312
L	Checking for Homogeneity of Variance Assumption: The Levene's Test of Homogeneity of Variance	313
M	Checking for Linearity Assumption: The Scatterplots	315
N	Checking for Residuals Assumptions for Multiple Regression Models: Residuals Statistics and Various Plots	318
0	The Overall Results of the Moderating Analysis (Gender and Managerial Level as the Moderators)	322



LIST OF ABBREVIATIONS

ADOs Administrative and Diplomatic Officers

BTCEI Basic Technology Competencies for Educators Inventory

CS Computer Skills

EDA Exploratory Data Analysis

HRD Human Resource Development

ICM Individual Career Management

ICT Information and Communication Technology

IKHWAS Southern Regional Campus of INTAN

INTAN National Institute of Public Administration

INTENGAH Central Regional Campus of INTAN

INTIM Eastern Regional Campus of INTAN

INTURA Northern Regional Campus of INTAN

IRV Individual-related Variables

JUSA Jawatan Utama Sektor Awam

KPA Key Performance Appraisal

MCRV Managerial Competencies-related Variables

MCT Measures of Central Tendency

MD Measures of Dispersion

MGI Monthly Gross Incomes

ML Managerial Level

MMR Moderated Multiple Regression

MOW Meaning of Work

MRS Malaysia Remuneration System

NB Networking Behaviors

NP Number of Promotions

OCCSEFF Occupational Self-efficacy Scale

ORV Organizational-related Variables

OS Organizational Socialization

OSI Organizational Socialization Inventory

P-E fit Person-environment fit

P-J fit Person-job fit

P-O fit Person-organization fit

POS Perceived Organizational Support

RSE Rosenberg Self-Esteem

SCCT Social Cognitive Career Theory

SCS Subjective Career Success

VIF Variance Inflation Factors

CHAPTER I

INTRODUCTION

Background of the Study

Managers in the public sector are facing fundamental organizational changes (Cappelli, 1992; Martin & Butler, 2000), while government reforms in administrative and management reach down to managers' agenda. As public sector managers embrace the changing nature of management career, a new set of values, skills, competencies and practices are demanded for successful career. Accordingly, public sector managers have to fully manipulate their human capital as well as utilize other organizational resources in order to succeed in the management world. Nevertheless, public sector managers have also reconstructed their views and values toward success (Littler, Wiesner & Dunford, 2003), where traditional definition of career success is no longer valid (Hay & Hodgkinson, 2006).

This study focuses on the career success of managers employed in the Malaysian public services. According to Van der Heijden (2006), a complicating factor that is unique to the public sector is due to its different operating environment, which is characterized by ill-structured and wicked problems. A distinct characteristic between the public and the private sectors noted by Flynn (1993) is that the public sector is not generally run to make a profit, and therefore, there is no competition in the sense of organizations trying to entice customers away from their competitors. With respect to measuring organizational and individual performance, Flynn (1993) further pointed out that politicians may have their direct or indirect influences on performance evaluations.

