

A decorative border with a repeating floral and scrollwork pattern surrounds the central text area.

**JOB ATTITUDES AS A DETERMINANT OF  
ORGANIZATIONAL CITIZENSHIP BEHAVIORS: A  
STUDY AMONG ACADEMIC STAFFS IN KUCHING  
POLYTECHNIC, SARAWAK.**

**ZULAIHA BT AHMAD      85240**

**UNIVERSITI UTARA MALAYSIA**

**2006**

**JOB ATTITUDES AS A DETERMINANT OF  
ORGANIZATIONAL CITIZENSHIP BEHAVIORS: A  
STUDY AMONG ACADEMIC STAFFS IN KUCHING  
POLYTECHNIC, SARAWAK.**

A dissertation submitted to the Faculty of Business Management in partial fulfillment of the requirements for Master Project /Theses (PMZ 6996) of Master Science (Management) Universiti Utara Malaysia

By:

Zulaiha Bt Ahmad

85240

Zulaiha Bt Ahmad, 2006 @ All rights reserved.



Fakulti Pengurusan Perniagaan  
(Faculty of Business Management)  
Universiti Utara Malaysia

PERAKUAN KERJA KERTAS PROJEK  
(Certification of Project Paper)

Saya, yang bertandatangan, memperakukan bahawa  
(I, the undersigned, certify that)

\_\_\_\_\_ ZULAIHA AHMAD \_\_\_\_\_

calon untuk Ijazah  
(candidate for the degree of)

\_\_\_\_\_ MASTER OF SCIENCE (MANAGEMENT) \_\_\_\_\_

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

\_\_\_\_\_ JOB ATTITUDES AS A DETERMINANT OF ORGANIZATIONAL CITIZENSHIP \_\_\_\_\_

\_\_\_\_\_ BEHAVIORS (OCB): A STUDY AMONG ACADEMIC STAFF AT \_\_\_\_\_

\_\_\_\_\_ KUCHING POLYTECHNIC, SARAWAK \_\_\_\_\_

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

bahawa kertas projek tersebut boleh diterima dari segi bentuk serta kandungan dan meliputi bidang ilmu dengan memuaskan.  
(that the project paper acceptable in form and content and that a satisfactory knowledge of the field is covered by the project paper).

Nama Penyelia : DR. FAIS AHMAD  
(Name of Supervisor) \_\_\_\_\_

Tandatangan : \_\_\_\_\_  
(Signature)

Tarikh : \_\_\_\_\_  
(Date)

## PERMISSION TO USE

In presenting this dissertation in partial fulfillment of the requirements for a post graduate degree from Universiti Utara Malaysia, I agree that the Sultanah Bahiyah Library may take it freely available for inspection. I further agree that permission for copying of this dissertation in any manner, in whole or in part, for scholarly purposes may be granted by my supervisor or in their absence, by the Dean Faculty of Business Management. It is understood that any copying or publication or use of this dissertation or parts thereof for financial gain shall not be allowed without my written permission. It is also understood that due recognition shall be given to me and to Universiti Utara Malaysia for any scholarly use which may be made of any material from my dissertation.

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

Dean  
Faculty of Business Management  
Universiti Utara Malaysia  
06010 UUM Sintok  
Kedah Darul Aman

## ABSTRACT

Organizational Citizenship Behavior (OCB) has received much attention in the past decades as scholar has recognized to be vital to the survival of an organization. Because of current trends such as increased global competition, greater use of teams and more emphasis on customer service, organizations often respond by asking those employees to be more productive and dependable. It is therefore, of interest to researchers to better understand the dynamics of OCB. OCB is defines as one's willingness to do more than required by a job description. This study was conducted to determine the relationship between job satisfaction, organizational commitment, as well as organizational justice with organizational citizenship behavior practices among academic staffs in Kuching Polytechnic, Sarawak. This study also seeks to examine relative effect between job attitudes and OCB. Furthermore, this study attempted to discover the difference in level of citizenship behavior base on gender, age and job tenure. Data were collected from 166 from academic staffs by using proportionate stratified sampling to ensure that every department was represented in this study. The study show that four job attitudes that is organizational commitment, job satisfaction, procedural justice and distributive justice have a positive correlation and directly impact to enhance academic staffs to engage in citizenship behavior and organizational commitment was predicted as a dominant variable of job attitudes which influence citizenship behavior. This study also found that age shows that different level of citizenship behavior.

## ABSTRAK

Tingkh laku Kewarganegaraan Organisasi (Organizational Citizenship Behavior, OCB) mendapat perhatian para ilmuan setelah mereka mengenalpasti tingkh laku tersebut mempunyai kepentingan terhadap kewujudan sesebuah organisasi. Berikutan trend semasa seperti persaingan global, semangat kerja berpasukan dan penekanan terhadap perkhidmatan pelanggan, organisasi lebih menyarankan setiap pekerja-pekerjanya agar lebih bersikap lebih produktif dan lebih dipercayai. Ekoran daripada saranan tersebut, penyelidik-penyelidik telah mengenalpasti betapa pentingnya untuk memahami amalan-amalan tingkh laku tersebut. OCB didefinisikan sebagai kesanggupan individu melakukan sesuatu kerja tidak hanya terbatas kepada diskripsi kerja yang telah dipertanggungjawabkan. Kajian ini dijalankan untuk mengenalpasti hubungan antara kepuasan kerja, komitmen terhadap organisasi, keadilan dalam organisasi dengan amalan tingkh laku kewarganegaraan organisasi di kalangan staf akademik di Politeknik Kuching Sarawak. Kajian ini juga bertujuan untuk menyelidik kesan relatif antara ke empat-empat sikap kerja dan OCB. Tambahan pula, kajian ini ingin melihat samada terdapat perbezaan tahap OCB berdasarkan jantina, umur dan tempoh kerja. Dengan menggunakan kaedah persampelan pembahagian berstrata, seramai 166 orang staf akademik telah dipilih sebagai sampel kajian. Kajian ini mendapati bahawa empat sikap terhadap kerja iaitu kepuasan kerja, komitmen terhadap organisasi dan keadilan dalam peraturan dan pembahagian tugas organisasi mempunyai hubungan positif dan secara langsung meningkatkan penglibatan staf akademik untuk mengambil bahagian dalam OCB. Juga di dapati, komitmen terhadap organisasi merupakan pembolehubah yang paling berpengaruh terhadap OCB. Kajian ini juga mendapati bahawa umur menunjukkan perbezaan di dalam tahap penglibatan OCB.

## ACKNOWLEDGEMENT

### *In the Name of Allah, Most Gracious, Most Merciful*

Praise be to Allah (S.W.T), for by his grace and generosity, I am able to complete this dissertation. I would like to take this opportunity to thank some of the extraordinary people who guided me through my theses experience.

I wish to express my deepest gratitude and heartfelt thanks to my supervisor, Dr Faiz Ahmad for his insightful guidance, constructive criticisms and valuable advice throughout the undertaking of this study. His excellent guidance and supervision has rendered me with minimum pressure and has made this learning process an unforgettable experience.

My heartfelt thank to the respondents from the seven departments in Kuching Polytechnic Sarawak (POLIKU) for their willingness cooperation in completing the questionnaires. Without their help this study might have not been possible. Also, special thanks to Encik Azhan Nor bin Ahmad (Department of Civil Engineering) and Fauzan (Department of Petrochemical Technology) for helping me during the data collection of this dissertation.

I would like to thank my family for their overwhelming love and support. I dedicate this work to my Mom who never failed to be there when I needed her, to my Dad who was always there to pick up the pieces when I fell, to my brother who always make me smile, no matter how dark the day. They are guiding light in my life and there aren't enough words to convey the depth of my gratitude to them for all they have done.

I would also like to offer my everlasting gratitude to the many friends who supported me, inspired me, and made me an all around better person for having known them. I am eternally grateful to Akmal, Awanis, Ida, Lazimah, Nadwan, and Zatul for making graduate school an experience and for their endless encouragement.

Last, but certainly not least, I would like to take this opportunity to thank to all those involve in making this paper a reality.

## TABLE OF CONTENTS

### CONTENTS

	<b>Page</b>
PERMISSION TO USE	i
ABSTRACT	ii
ABSTRAK	iii
ACKNOWLEDGEMENT	iv
TABLE OF CONTENTS	v
LIST OF TABLES	x
LIST OF FIGURES	xi
LIST OF APPENDICES	xii
LIST OF ABBREVIATIONS	xiii
<b>CHAPTER ONE      INTRODUCTION</b>	
1.0.      Background of the study	1
1.1.      Problem Statement	5
1.2.      Objective of Research	10
1.3.      Research Question	11
1.4.      Research Hypothesis	12
1.5.      The Significant of Research	13
1.6.      Scope of Research	14
1.7.      Definition of Research Variables	15
1.7.1.      Organizational Citizenship Behavior	15
1.7.2.      Job Attitudes	17
1.7.3.      Organizational Justice	17
1.7.4.      Organizational Commitment	18
1.7.5.      Job Satisfaction	20
1.8.      Conclusion	20



## **CHAPTER TWO      LITERATURE REVIEW**

2.0.	Introduction	22
2.1.	Antecedent of Organizational Citizenship Behavior	22
	2.1.1. Individual Characteristics	23
	2.1.2. Organizational Characteristics	25
	2.1.3. Task Characteristic	26
	2.1.4. Leadership Behaviors	29
2.2.	Dimensionality of Organizational Citizenship Behavior	32
2.3.	Consequences of Organizational Citizenship Behavior	35
2.4.	Predictors of Organizational Citizenship Behavior	37
	2.4.1. Job Attitudes as predictors of OCB	38
	2.4.1.1. Job satisfaction	39
	2.4.1.2. Organizational Commitment	42
	2.4.1.3. Organizational Justice	45
2.5.	Demographic Factor	49
	2.5.1. Difference in OCB based on gender	49
	2.5.2. Difference in OCB based on tenure	51
	2.5.3. Difference in OCB based on age	52
2.6.	Influence of employee attitudes in promoting OCB	54
2.7.	Theoretical Framework	55
2.8.	Conclusion	56

## **CHAPTER THREE RESEARCH METHODOLOGY**

3.0.	Introduction	57
3.1.	Research Design	57
3.2.	Population	58
3.3.	Sample Size	59
3.4.	Sampling Design	60
3.5.	Instrumentation	60
	3.5.1. Organizational Justice	61
	3.5.1.1. Distributive Justice	61
	3.5.1.2. Procedural Justice	61
	3.5.2. Job Satisfaction	62
	3.5.3. Organizational Commitment	62
	3.5.4. Organizational Citizenship Behavior	63
	3.5.5. Demographic Factors	63
3.6.	Questionnaire Design	64
3.7.	Data Collection Procedure	65
3.8.	Reliability Test	67
3.9.	Data Analysis Procedure	69
3.10.	Conclusion	71

## **CHAPTER FOUR DATA ANALYSIS AND INTERPRETATION**

4.0.	Introduction	72
4.1.	Analysis Descriptive of Respondents	72
	4.1.1. Frequency of Respondent Distributions	72
	4.1.2. Central Tendencies and Dispersion of Variables	76

4.2.	Research Finding and Hypothesis Testing	77
4.2.1.	Research Question 1	77
4.2.2.	Research Question 2	82
4.2.3.	Research Question 3	86
4.3.	Conclusion	89

## **CHAPTER FIVE      DISCUSSION AND RECOMMENDATIONS**

5.0.	Introduction	90
5.1.	Research Overview	90
5.2.	Impact of Research	93
5.2.1.	Impact on Management	93
5.2.1.1.	Difference in OCB base on gender	93
5.2.1.2.	Difference in OCB base on job tenure	94
5.2.1.3.	Difference in OCB base on age	95
5.2.1.4.	Job Attitudes as a Predictors of OCB	95
5.2.1.5.	Influence of Job Attitudes in Promoting OCB	96
5.2.2.	Impact on Theory	97
5.3.	Summary of Research Finding	98
5.4.	Limitation of Research	98
5.5.	Recommendation	99
5.5.1.	Recommendation to Management of POLIKU	99
5.5.2.	Recommendation for Further Research	100
5.6.	Conclusion	101

References		102 - 112
Appendix 1	Hypothesis Test Result	114 - 118
Appendix 2	Questionnaire	120 - 125

## LIST OF TABLES

<b>Table</b>	<b>Title</b>	<b>Page</b>
Table 3.1	Population of Study	59
Table 3.2	Distribution of Questionnaire Item	65
Table 3.3	Distribution of Respondents Involve in Research	67
Table 3.4	Reliability Test Results	68
Table 3.5	Pearson Correlation by McBurney (2001)	70
Table 4.1	Distribution of Respondents According to Demographic Factor	74 – 75
Table 4.2	Means Scores and Standard Deviation of the Study Variables	76
Table 4.3	Correlation between Job Satisfaction and Organizational Citizenship Behavior	78
Table 4.4	Correlation between Organizational Commitment and Organizational Citizenship Behavior	79
Table 4.5	Correlation between Procedural Justice and Organizational Citizenship Behavior	80
Table 4.6	Correlation between Distributive Justice and Organizational Citizenship Behavior	81
Table 4.7	T-Test for the Differences between Male and Female	83
Table 4.8	One-way ANOVA Test for the Differences between Job Tenure and OCB	84
Table 4.9	One-way ANOVA Test for the Differences between Age and OCB	86
Table 4.10	Multiple Regression Analysis	87

## LIST OF FIGURES

<b>Figure</b>	<b>Title</b>	<b>Page</b>
Figure 2.1	The Job Characteristics Model	28
Figure 2.2	Antecedents Of OCB	31
Figure 2.3	Conceptual Framework of The Study	56

## LIST OF APPENDICES

<b>Appendix</b>	<b>Title</b>	<b>Page</b>
Appendix 1	Hypothesis Test Result	114 -118
Appendix 2	Questionnaire	120 - 125

## LIST OF ABBREVIATIONS

OCB	Organizational Citizenship Behavior
OCBI	Organizational Citizenship Behavior directed toward other individuals
OCBO	Organizational Citizenship Behavior which benefit the general organization
OCQ	Organizational Commitment Questionnaire
AC	Affective Commitment
NC	Normative Commitment
CC	Continuance Commitment
LMX	Leader Member Exchange



# CHAPTER ONE

## INTRODUCTION

### 1.0. Background of the study

Behaviors that exceed the reach of traditional measures of job performance but are important and even crucial for long term organizational success is receiving increasing theoretical attention as the challenge of global competition highlights the importance of organizational innovation, flexibility, productivity, and responsiveness to changing external conditions (Van Dyne, Graham & Dienesch, 1994). Borman (2004) indicates that citizenship performance is likely to be important in the foreseeable future and defines citizenship performance as “behaviors that go beyond task performance and technical proficiency, instead supporting the organizational, social, and psychological context that serves as the critical catalyst for tasks to be accomplished” (Borman, 2004, p.238). Otherwise, nowadays organizations have shifted away from the use of strict hierarchical structures and individualized jobs. Indeed, team-based work structured has been implemented and the implementation has increased the importance of individual initiative and cooperation (Ilgen & Pulakos, 1999).

The interest in OCB can be traced back to Katz (1964), who identified three categories of employee behavior essential for organizational effectiveness. According to Katz, individuals must first be induced to enter and remain with an organization; as employees, they must carry out specific role requirements in a

The contents of  
the thesis is for  
internal user  
only

## REFERENCES

- Ackfelt, A. L., & Coote, L. V. (2005). A study of organizational citizenship behaviors in a retail setting. *Journal of Business Research*, 58, 151-159.
- Agho, A. O., Price, J. L., & Mueller, C. W. (1992). Discriminant validity of measures of job satisfaction, positive affectivity and negative affectivity. *Journal of Occupational and Organizational Psychology*, 65, 185-196.
- Allen, T.D. (2006). Rewarding good citizens: The relationship between citizenship behavior, gender, and organizational rewards. *Journal of Applied Social Psychology*, 36(1), 120-143.
- Allen, N. J., & Meyer, J. P. (1990). The measurement and antecedents of affective, continuance and normative commitment to the organization. *Journal of Occupational Psychology*, 63, 1-18.
- Allen, T. D., & Rush, M. C. (2001). The influence of rate gender on ratings of organizational citizenship behavior. *Journal of Applied Social Psychology*, 31(12), 2561-2587.
- Alotaibi, A. G. (2001). Antecedents of organizational citizenship behavior: A study of public personnel in Kuwait. *Public Personnel Management*, 30(3), 363-376.
- Bateman, T. S., & Organ, D.W. (1983). Job satisfaction and the good soldier: The relationship between affect and employee citizenship. *Academy of Management Journal*, 26, 587-595.
- Bienstock, C. C., DeMoranville, C.W. & Smith, R. K. (2003). Organizational citizenship behavior and service quality. *Journal of Services Marketing*, 17(4), 357-378.
- Blau, P. (1964). *Exchange of power in social life*. New York : John Wiley & Sons.
- Bogler, R., & Somech, A. (2004). Influence of teacher empowerment on teachers' organizational commitment, professional commitment and organizational citizenship behavior in schools. *Teaching and Teacher Education*, 20, 277-289.
- Bogler, R., & Somech, A. (2005). Organizational citizenship behavior in school: How does it related to participation in decision making? *Journal of Educational Administration*, 43(5), 420-438.

- Borman, W. C., & Motowidlo, S. J. (1997). Task performance and contextual performance: The meaning for personnel selection research. *Human Performance*, 10(2), 99-109.
- Borman, W. C., & Motowidlo, S. J. (1993). Expanding the criterion domain to include elements of contextual performance. In Schmitt, N., & Borman, W.C. (Eds.) *Personality selection in organizations* (pp. 71-98). San Francisco: Jossey Bass.
- Borman, W.C. (2004). The Concept of Organizational Citizenship. *Current Directions in Psychological Science*, 13(6), 238-241.
- Bowditch, J. L., & Buono, A. F. (2005). *A primer on organizational behavior six edition*. New Jersey: John Wiley & Sons, Inc.
- Brief, A. P., & Motowidlo, S. J. (1986). Prosocial organizational behaviors. *Academy of Management Review*, 11(4), 710-725.
- Building a civilization to elevate the nation's dignity (2006, March 31). Retrieved March 15, 2006, from <http://www.kbs.gov.my/RMK9-speech.pdf>
- Chen, Z. X., & Francesco, A. M. (2003). The relationship between the three components of commitment and employee performance in China. *Journal of Vocational Behavior*, 62, 490-510.
- Chu, C. I., Lee, M. S., Hsu, H. M., & Chen, I. C. (2005). Clarification of the antecedents of hospital nurse organizational citizenship behavior: An example from a Taiwan regional hospital. *Journal of Nursing Research*, 13(4), 313-324.
- Chiu, S. F., & Chen, H. L. (2005). Relationship between job characteristics and organizational citizenship behavior: The mediational role of job satisfaction. *Social Behavior and Personality*, 33(6), 523-540.
- Christ, O., Dick, R. V., Wagner, U., & Stellmacher, J. (2003). When teachers go the extra mile: Foci of organizational identification as determinants of different forms of organizational citizenship behavior among schoolteachers. *British Journal of Educational Psychology*, 73, 329-341.
- Cohen, A., & Kol, Y. (2004). Professionalism and organizational citizenship behavior: An empirical examination among Israeli nurses. *Journal of Managerial Psychology*, 19(4), 386-405.
- Cohen, A., & Vigoda, E. (2000). Do good citizen make good organizational citizen? An empirical examination of the relationship between general

citizenship and organizational citizenship behavior in Israel. *Administration and Society*, 32(5), 596-625.

- Cooper, D. R., & Schindler, P. S. (1998). *Business research methods sixth edition*. Boston: McGraw-Hill International Editions.
- Coyle Shapiro, J.A.M., Kessler, I., & Purcell, J. (2004). Exploring organizationally directed citizenship behavior: Reciprocity or it's my job? *Journal of Management Studies*, 41(1), 85-106.
- Cropanzano, R. (2001). *Justice in the workplace: From theory to practice*. Mahwah, New Jersey: Lawrence Erlbaum Associates.
- Deluga, R. J. (1994). Supervisor trust building, leader-member exchange and organizational citizenship behavior. *Journal of Occupational and Organizational Psychology*, 67, 315-326.
- DiPaola, M. F., & Tschannen-Moran, M. (2001). Organizational citizenship behavior in schools and its relationship to school climate. *Journal of School Leadership*, 11(September), 424-447.
- Elizur, D. & Koslowsky, M. (2001). Values and organizational commitment. *International Journal of Manpower*, 22(7), 593-599.
- Emmerik, I. J. H. V., & Jawahar, I. M. (2005). Lending a helping hand: Provision of helping behaviors beyond professional career responsibilities. *Career Development International*, 10(5), 347-358.
- Farh, J. L., Earley, P. C., & Lin, S. C. (1997). Impetus for action: Cultural analysis of justice and organizational citizenship behavior in Chinese society. *Administrative Science Quarterly*, 42, 421-444.
- Gautam, T., Dick, R. V., Wagner, U., Upadhyay, N., & Davis, A. J. (2005). Organizational citizenship behavior and organizational commitment in Nepal. *Asian Journal of Social Psychology*, 8, 305-314.
- George, J. M. (1991). State or trait: Effects of positive mood on prosocial behaviors at work. *Journal of Applied Psychology*, 76(2), 299-307.
- George, J. M. (1996). Group affective tone. In West, M. A. (Eds.), *Handbook of work group* (pp. 77-94). New York: Wiley.
- George, J. M., & Brief, A. P. (1992). Feeling good-doing good: A conceptual analysis of the mood at work-organizational spontaneity relationship. *Psychological Bulletin*, 112(2), 310-329.

- George, J. M., & Jones, G. R. (1997). Organizational spontaneity in context. *Human performance*, 10, 153-170.
- Gondhoyeworno, T. (2003). *Organizational citizenship behavior in health care: Relationship between job performance, emotional intelligence, work environment, medical business ethics and work satisfaction with organizational citizenship behavior*. Unpublished doctoral dissertation, Universiti Utara Malaysia.
- Greenberg, J. (1990). Organizational justice: Yesterday, today and tomorrow. *Journal of Management*, 16(2), 399-432.
- Hackman, J. R., & Oldham, G. R. (1980). *Work redesign*. Reading, Massachusetts: Addison-Wesley Publishing Company.
- Hall, D.T. (1988). Breaking career routines: Midcareer choice and identity development. In Katzell, R. A. & Hall, D. T., *Career development in organizations* (pp. 120-159). San Francisco: Jossey-Bass Publishers.
- Huang, J. H., Jin, B. H., & Yang, C. (2004). Satisfaction with business-to-employee benefit systems and organizational citizenship behavior: An examination of gender differences. *International Journal of Manpower*, 25(2), 195-210.
- Hui, C., Law, K. S., & Chen, Z. X. (1999). A structural equation model of the effects of negative affectivity, leader-member exchange and perceived job mobility on in-role and extra-role performance: A Chinese case. *Organizational Behavior and Human Decision Processes*, 77(1), 3-21.
- Ilgen, D. R., & Pulakos, L. D. (1999). *The changing nature of performance: Implication for staffing, motivation and development*. San Francisco: Jossey Bass.
- Kanungo, R. N., & Conger, J. A. (1993). Promoting altruism as a corporate goal. *Academy of Management Executive*, 7, 37-48.
- Katz, D. (1964). The motivational basis of organizational behavior. *Behavioral Science*, 9, 131-133.
- Kaufman, J. D., Stamper, C. L., & Tesluk, P. E. (2001). Do supportive organizations make for good corporate citizens? *Journal of Managerial Issues*, 13(4), 436-449.
- Kegan, R. (1982). *The evolving self: Problem and process in human development*. Cambridge, Massachusetts: Harvard University Press.

- Khalid, S. A., & Ali, H. (2005). Self and superior ratings of organizational citizenship behavior: Are there differences in the source of ratings? *Problem and Perspectives in Management*, 4, 147-153.
- Kidder, D. L. (2002). The influence of gender on the performance of organizational citizenship behaviors. *Journal of Management*, 28(5), 629-648.
- Kidder, D. L., & McLean Parks, J. (1993). *The good soldier: Who is s(he)?* Best Paper Proceedings. Academy of Management Proceedings, 363-367.
- Kidwell, Jr., R. E., Mossholder, K. W., & Bennett, N. (1997). Cohesiveness and organizational citizenship behavior: A multi-level analysis using work groups and individuals. *Journal of Management*, 23(6), 775-793.
- Konovsky, M. A., & Pugh, S. D. (1994). Citizenship behavior and social exchange. *Academy of Management Journal*, 37(3), 656-669.
- Konrad, A. M., Ritchie, J. E., Lieb, P., & Corrigan, E. (2000). Sex differences and similarities in job attribute preferences: A meta analysis. *Psychological Bulletin*, 126, 593-641.
- Kuehn, K. W., & Al-Busaidi, Y. (2002). Citizenship behavior in a non-western context: An examination of the role of satisfaction, commitment and job characteristics on self-reported organizational citizenship behavior. *International Journal of Commerce and Management*, 12(2), 107-125.
- LePine, J.A., Erez, A., & 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.
- Locke, E. A. (1983). The nature and causes of job satisfaction. In Dunnette, M. D. (Eds.) *Handbook of Industrial and Organizational Psychology*, Chapter 30. Chicago, Illinois : Rand-McNally College Publishing Company.
- Lovell, S. E., Kahn, A. S., Anton, J., Davidson, A., Dowling, E., Post, D., et al. (1999). *Does gender affect the link between organizational citizenship and performance evaluation?* Retrieved February 6, 2006, from <http://www.findarticle.com>
- MacKenzie, S. B., Podsakoff, P. M., & Ahearne, M. (1998). Some possible antecedents and consequences of in-role and extra-role salesperson performance. *Journal of Marketing*, 62(3), 87-98.
- McBurney, D.H. (1998). *Research methods fourth edition*. Pacific Grove, California : Brooks / Cole Publishing Company.

- McKenzie, S. B., Podsakoff, P. M., & Fetter, R. (1993). The impact of organizational citizenship behavior on evaluations of salesperson performance. *Journal of Marketing*, 57, 70-80.
- Meyer, J. P., Allen, N. J., & Smith, C. A. (1993). Commitment to organizations and occupations: Extension and test of a three-component conceptualization. *Journal of Applied Psychology*, 78(4), 538-551.
- Meyer, J. P., Stanley, D. J., Herscovitch, L., & Topolnytsky, L. (2002). Affective, continuance and normative commitment to the organization: A meta-analysis of antecedents, correlates and consequences. *Journal of Vocational Behavior*, 21, 20-52.
- Moorman, R. H. (1991). Relationship between organizational justice and organizational citizenship behaviors: Do fairness perceptions influence employee citizenship. *Journal of Applied Psychology*, 76(6), 845-855.
- Moorman, R. H., & Blakely, G. L. (1995). Individualism-collectivism as an individual difference predictor of organizational citizenship behavior. *Journal of Organizational Behavior*, 16(2), 127-142.
- Morrison, E.W. (1994). Role definitions and organizational citizenship behavior : The importance of the employee's perspective, *Academy of Management Journal*, 37(6), 1543-1567.
- Motowidlo, S. J. (2000). Some basic issues related to contextual performance and organizational citizenship behavior in human resource management. *Human Resource Management Review*, 10(1), 115-126.
- Mowday, R.T., Steers, R.M., & Porter, L.W. (1979). The measurement of organizational commitment. *Journal of Vocational Behavior*, 14(2), 224-247.
- Mowday, R.T., Porter, L.W., & Steers, R.M. (1982). *Employee-organization linkages: The psychology of commitment, absenteeism and turnover*. New York: Academic Press.
- Murphy, G., Athanasou, J., & King, N. (2002). Job satisfaction and organizational citizenship behavior. *Journal of Managerial Psychology*, 17(4), 287-297.
- Nasurdin, A. M. (2001). *Procedural justice, perceived organizational support, organizational commitment and organizational citizenship behavior among hotel employees*. Unpublished doctoral dissertation, Universiti Sains Malaysia.



- Nasurdin, A. M., Ramayah, T., & Yusoff, M. N. (2003). *The effects of job satisfaction and leader supportiveness on altruistic organizational behavior: A case of academicians*. Retrieved April 17, 2006, from <http://www.management.usm.my>
- Netemeyer, R. G., Boles, J. S., McKee, D. O., & McMurrian, R. (1997). An investigation into the antecedents of organizational citizenship behaviors in a personal selling context. *Journal of Marketing*, 61(July), 85-98.
- Newstrom, J. W. & Davis, K. (1997). *Organizational behavior: Human behavior at work tenth edition*. New York: McGraw Hill Companies, Inc.
- Niehoff, B. P., & Moorman, R. H. (1993). Justice as a mediator of the relationship between methods of monitoring and organizational citizenship behavior. *Academy of Management Journal*, 36(3), 527-556,
- O'Connel, M. S., Doverspike, D., Norris-Watts, C., & Hattrup, K. (2001). Predictors of organizational citizenship behavior among Mexican retail salespeople. *The International Journal of Organizational Analysis*, 9(3), 272-280.
- O'Reilly, C. A., & Chatman, J. (1986). Organizational commitment and psychological attachment: The effects of compliance, identification and internalization on prosocial behavior. *Journal of Applied Psychology*, 71(3), 492-499.
- Organ, D. W., & Kanovsky, M. (1989). Cognitive versus affective determinants of organizational citizenship behavior. *Journal of Applied Psychology*, 74(1), 157-164.
- Organ, D. W. (1990a). The motivational basis of organizational citizenship behavior. In Staw, B.M. & Cummings L.L. (Eds.), *Research in organizational behavior, Vol. 12* (pp. 43-72). Greenwich, Connecticut : JAI Press.
- Organ, D. W. (1990b). The subtle significance of job satisfaction. In Staw, B.M. (Eds.), *Psychological dimensions of organizational behavior* (3<sup>rd</sup> edition). Upper Saddle River, New Jersey: Pearson Education, Inc.
- Organ, D. W. (1997). Organizational citizenship behavior: It's construct clean-up time. *Human Performance*, 10(2), 85-97.
- Organ, D. W. (1988). *Organizational citizenship behavior: The good soldier syndrome*. Lexington, Massachusetts: Lexington Books.

- Organ, D. W., & Lingl, A. (1995). Personality, satisfaction and organizational citizenship behavior. *The Journal of Social Psychology*, 135(3), 339-350.
- Organ, D. W., & Ryan, K. (1995). A meta-analytic review of attitudinal and dispositional predictors of organizational citizenship behavior. *Personnel Psychology*, 48, 775-802.
- Oshagbemi, T. (1999). Overall job satisfaction: how good are single versus multiple item measures? *Journal of Managerial Psychology*, 14(5), 388-403.
- Othman, N. (2002). *Antecedents of organizational citizenship behavior*. Unpublished master dissertation, Universiti Utara Malaysia.
- PM: Workers must strive for excellence (2005, May). The Star, Retrieved February 6, 2006, from <http://www.psb1.uum.edu.my.eservice.uum.edu.my>
- Podsakoff, P. M., Ahearne, M., & MacKenzie, S. B. (1997). Organizational citizenship behavior and the quantity and quality of work group performance. *Journal of Applied Psychology*, 82(2), 262-270.
- Podsakoff, P. M., MacKenzie, S. B., Moorman, R., & Fetter, R. (1990). Transformational leader behaviors and their effects on trust, satisfaction, and organizational citizenship behaviors. *The Leadership Quarterly*, 1(2), 107-142.
- Podsakoff, P. M., & Mackenzie, S. B. (1994). Organizational citizenship behavior and sales unit effectiveness. *Journal of Marketing Research*, 31(August), 351-363.
- Podsakoff, P. M., & MacKenzie, S. B. (1995). An examination of substitutes for leadership within a levels of analysis framework. *Leadership Quarterly*, 6, 289-328.
- Podsakoff, P. M., & MacKenzie, S. B. (1997). Impact of organizational citizenship behavior on organizational performance: A review and suggestions for future research. *Human Performance*, 10(2), 133-151.
- Podsakoff, P. M., MacKenzie, S. B., & 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(2), 259-298.
- Podsakoff, P. M., MacKenzie, S. B., Paine J. B., & Bachrach, D. G., (2000). Organizational citizenship behavior: A critical review of the theoretical

and empirical literature and suggestions for future research. *Journal of Management*, 26(3), 513-563.

- Penner, L. A., Midili, A. R., & Kegelmeyer, J. (1997). Beyond job attitudes: A personality and social psychology perspective on the cause of organizational citizenship behavior. *Human Performance*, 10(2), 111-131.
- Rioux, S. M., & Penner, L. A. (2001). The causes of organizational citizenship behavior: A motivational analysis. *Journal of Applied Psychology*, 86(6), 1306-1314.
- Robbins, S. P. (2005). *Organizational behavior eleven edition*. Upper Saddle River, New Jersey: Pearson Educational International.
- Rotundo, M., & Sackett, P. R. (2002). The relative importance of task, citizenship and counterproductive performance to global ratings of job performance: A policy capturing approach. *Journal of Applied Psychology*, 87, 66-80.
- Schappe, S. P. (1998). The influence of job satisfaction, organizational commitment and fairness perceptions on organizational citizenship behavior. *The Journal of Psychology*, 132(3), 277-290.
- Scholl, R. W. (1981). Differentiating organizational commitment from expectancy as a motivating force. *Academy of Management Review*, 6, 589-599.
- Sekaran, U. (2003). *Research methods for business: A skill building approach fourth edition*. New York: John Wiley & Sons.
- Settoon, R. P., & Mossholder, K. W. (2002). Relationship quality and relationship context as antecedents of person and task focused interpersonal citizenship behavior. *Journal of Applied Psychology*, 87(2), 255-267.
- Smith, C. A., Organ, D. W., & Near, J. P. (1983) Organizational citizenship behavior: Its nature and antecedents. *Journal of Applied Psychology*, 68(4), 653-663.
- Somech, A., & Drach-Zahavy, A. (2000). Understanding extra-role behavior in schools: the relationships between job satisfaction, sense of efficacy and teachers' extra-role behavior. *Teaching and Teacher Education*, 16, 649-659.
- Staw, B., & Boettger, R. (1990). Task revision: A neglected form of work performance. *Academy of Management Journal*, 33, 5534-5559.

- Tang, T. L. P., & Ibrahim, A. H. S. (1998). Antecedents of organizational citizenship behavior revisited: The public personnel in the United States and in the Middle East. *Public Personnel Management*, 27(4), 529-550.
- Tansky, J. W. (1993). Justice and organizational citizenship behavior: What is the relationship? *Employee Responsibilities and Rights Journal*, 6(3), 195-207.
- Todd, S. Y. (Summer, 2003). *A causal model depicting the influence of selected task and employee variables on organizational citizenship behavior*. Retrieved February 8, 2006, from <http://etd.lib.fsu.edu>.
- Truckenbrodt, Y. B. (2000) *The relationship between leader-member exchange and commitment and organizational citizenship behavior*. Retrieved February 6, 2006, from <http://www.findarticle.com>
- Turnipseed, D. (1996). Organization citizenship behavior: an examination of the influence of the workplace. *Leadership and Organization Development Journal*, 17(2), 42-47.
- Turnipseed, D., & Murkison G. (2000). Good soldiers and their syndrome: Organizational citizenship behavior and the work environment. *North American Journal of Psychology*, 2(2). Retrived February 8 2006, from Academic Search Premier database.
- Turnipseed, D. L. (2002). Are good soldiers good? Exploring the link between organizational citizenship behavior and personal ethics. *Journal of Business Research*, 55, 1-15.
- Van Dyne, L., Graham, J. W., & Dienesch, R. M. (1994). Organizational citizenship behavior: Construct redefinition, measurement and validation. *Academy of Management Journal*, 37(4), 765-802.
- Van Dyne, L., Cummings, L. L., & Parks, J. M. (1995). Extra-role behaviors: In pursuit of construct and definitional clarity (A bridge over muddied waters). In Cummings, L. L., & Staw, B. M. (Eds), *Research in Organizational Behavior*, Vol. 17 (pp. 215-285). Greenwich, Connecticut: JAI Press.
- VanYperen, N.W., Berg, A. E. & Willering, M.C. (1999). Towards a better understanding of the link between participation in decision making and organizational citizenship behavior: A multilevel analysis. *Journal of Occupational and Organizational Psychology*, 72, 377-392.
- Walz, S. M., & Niehoff, B. P. (1996). Organizational citizenship behaviors and their effect on organizational effectiveness in limited-menu restaurants. In

- Keys, J. B., & Dosier, L. N. (Eds.), *Academy of Management Best Papers Proceedings* (pp.307-311).
- Wagner, S. L., & Rush, M. C. (2000). Altruistic organizational citizenship behavior: Context, disposition and age. *The Journal of Social Psychology*, 140(3), 379-391.
- Weiner, Y. (1982). Commitment in organizations: A normative view. *Academy of Management Review*, 7, 601-617.
- William, I. J., & Anderson, S.E. (1991). Job satisfaction and organizational commitment as predictors of organizational citizenship and in-role behavior. *Journal of Management*, 17(3), 601-617.
- Williams, S., & Shiaw, W.T. (1999). Mood and organizational citizenship behavior: The effects of positive affect on employee organizational citizenship behavior intentions. *The Journal of Psychology*, 133(6) pp. 656-668.
- Williams, S., Pitre, R., & Zainuba, M. (2002). Justice and organizational citizenship behavior intentions: Fair rewards versus fair treatment. *The Journal of Social Psychology*, 142(1), 33-44.
- Yit, L. T., Nasurdin, A. M., & Ramayah, T. (2003). *Organizational justice and organizational citizenship behavior: Is this relationship stronger for employees who perceived support to be high?* Retrieved April 17, 2006, from <http://www.management.usm.my>
- Yoon, M. H., & Suh, J. (2003). Organizational citizenship behaviors and service quality as external effectiveness of contact employees. *Journal of Business Research*, 56, 597-611.