Abstract of thesis presented to the Senate of Infrastructure University Kuala Lumpur in partial fulfilment of the requirement for the degree of master in communication

# RELATIONSHIP BETWEEN ENGAGEMENT IN VERTICAL COMMUNICATION AND JOB SATISFACTION AMONG EMPLOYEES AT MINISTRY OF EDUCATION, OMAN

BY

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Numerous studies have indicated that vertical communication is one of the factors that influences job satisfaction. However, framed upon Leader-Member Exchange (LMX) Theory, the main purpose of this study was to determine the relationship between vertical communication and job satisfaction among employees at the Ministry of Education of Oman.. Due to the widespread locations of the respondents, cluster sampling technique was used. Vertical communication was measured using the LMX-MDM (Liden & Maslyn, 1998) 12-items, multidimensional scale. Job satisfaction was measured using Spector's (1985) Job Satisfaction Survey (JSS). The study further examined the relationship between engagements in vertical communication with the individual six dimensions of the dependent variable (job satisfaction) using hierarchy of hypotheses. The finding indicated that a significant relationship between all the dimensions (supervision, contingent rewards, co-workers, operating procedures, and communication) except for one which was promotion. Based on the strength of the relationship, it can be seen that within the dependent variable (job satisfaction), the dimensions which have the strongest correlation with the independent variable (engagement in vertical communication) are communication-related. In particular, these dimensions are supervision, communication with co-workers, and overall communication at the workplace. These findings imply that in achieving job satisfaction among the employees at the Ministry of Education of Oman, there should be a great amount of engagement in vertical communication as well as other communication-related activities.

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### APPROVAL

This thesis was submitted to Senate of Infrastructure University Kuala Lumpur (IUKL) and has been accepted as partial fulfilment of the requirement for the degree of Master of Communication. The members of the thesis Examination Committee were as follows:

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### DECLARATION

I declare that the thesis is my original work except for quotations and citations, which have been duly acknowledged. I also declare that it has not been previously, and is not concurrently, submitted for any other degree at Infrastructure University Kuala Lumpur or at any other institutions.

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### **CHAPTER 1**

### **INTRODUCTION**

### 1.1 Overview

Today's world is changing faster than ever before. Adaptation is one of the most important duties of today's organizations in order to survive in this competitive market. Adaptation gives companies the flexibility to react to market changes, and the last one reacting fails. Different organizations have different formula for success but there is one key factor most organizations acknowledge as crucial for success which is communication. There are numerous definitions for what communication stands for, nevertheless, today's leaders in business, government, and non-profit sector agree that communication is important, and even vital for the functioning on any kind of organization. Although most companies are aware of its importance, still many do not see that communication represents the skeleton of a good working organization (Weick, 1995). Hence, organizational communication has become more pertinent than ever for organizations to remain relevant within an increasingly competitive environment.

### 1.2 Background of Study

Organizational communication is divided into external and internal communication. Currently, there is a growing interest in internal communication within corporate communication research (Vercic, Vercic & Sriramesh, 2012).Thus, the focus of the present study. Internal communication can be defined as any "communication with employees internally within the organization" (Cornelissen, 2013, p. 164). Internal communication does not only focus on the information and knowledge sharing between employees (Tourish & Hargie, 2004) but it is also a link or chain to strong relationship among employees (Tourish & Hargie, 2000), and gives the employee a passage to raise any issue via viral communication (Morrison & Milliken, 2000). A good communication will lead to successful organizational management. Affluent

#### REFERENCES

- Ackley, D. R. (1997). Strategic Communication: Full-time Function or Dysfunctional Concept?. communication world-san francisco-, 14, 32-33.
- Alshamasi, A. & Aljojo, N. (2016). A study of the reliability and validity of the Leader-Member Exchange (LMX) instrument in Arabic. *International Journal of Computer Science and Information Technology*, 8(1).
- Anderson, C. M., & Martin, M. M. (1995). Why employees speak to coworkers and bosses: Motives, gender, and organizational satisfaction. *Journal of Business Communication*, 32(3), 249 -265.
- Atkinson, M. J., Kumar, R., Cappelleri, J. C., & Hass, S. L. (2005). Hierarchical construct validity of the treatment satisfaction questionnaire for medication (TSQM version II) among outpatient pharmacy consumers. Value in Health.
- Avtgis, T. A., & Taber, K. R. (2006). "I laughed so hard my side hurts, or is that an ulcer?" The influence of work humor on job stress, job satisfaction, and burnout among print media employees. Communication Research Reports, 23(1), 13-18.
- Awang, Z. (2012). Structural equation modeling using Amos graphic. Penerbit Universiti Teknologi MARA.
- Baker, K. A. (2002). Organizational communication. Retrieved June, 7, 2009.
- Baxter, L. A., & Babbie, E.(2004). The basics of communication research.
- Baxter, L. A., Hirokawa, R., Lowe, J. B., Nathan, P., & Pearce, L. (2004). Dialogic voices in talk about drinking and pregnancy. Journal of Applied Communication Research, 32(3), 224-248.
- Byrne, Z. S., & LeMay, E. (2006). Different media for organizational communication: Perceptions of quality and satisfaction. *Journal of Business and Psychology*, 21(2), 149-173.
- Cabrita, J., & Perista, H. (2007). Measuring job satisfaction in surveys-comparative analytical report. *European Foundation for the Improvement of Living and Working Condition*.
- Cassavaugh, N. D., Domeyer, J. E., & Backs, R. W. (2011, July). Lessons learned regarding simulator sickness in older adult drivers. In International Conference on Universal Access in Human-Computer Interaction (pp. 263-269). Springer, Berlin, Heidelberg.
- Cheney, G., Christensen, L., Zorn, T. And Ganesh, S. (2011). Organizational Communication in an Age of Globalization: Issues, Reflections, Practices. Illinois: Waveland Press.

- Christian Nielsen, Marco Montemari, (2012). The role of human resources in business model performance: The case of network-based companies, *Journal of Human Resource Costing*.
- Churchill, G.A., Jr. "A Paradigm for Developing Better Measures of Marketing Constructs," Journal of Marketing Research (16), February 1987, pp. 64-73.
- Colquitt, J. A., Scott, B. A., & LePine, J. A. (2007). Trust, trustworthiness, and trust propensity: a meta-analytic test of their unique relationships with risk taking and job performance. Journal of applied psychology, 92(4), 909.
- Cohen, L., Manion, L., & Morrison, K. (2007). Validity and reliability. Research Methods in Education. London: Routledge, 133-164.
- Cornelissen, J. P. (2013). Corporate Communication. The international encyclopedia of communication, 1-7. First Edition. Edited by Wolfgang Donsbach. 2013 John Wiley & Sons, Ltd. Published 2013 by John Wiley & Sons, Ltd.
- Creed, W. D., Miles, R. E., Kramer, R. M., & Tyler, T. R. (1996). Trust in organizations. Trust in organizations: Frontiers of theory and research, 16-38. Constructs, validity, and situational generality. Journal of School Psychology, 27(2), 155-164.
- Cronbach LJ (1951). "Coefficient alpha and the internal structure of tests". *Psychometrika*. 16 (3): 297–334.
- Cutlip, D. E., Mauri, L., Orav, E. J., Candia, S. C., & Kuntz, R. E. (2005). Robustness of late lumen loss in discriminating drug-eluting stents across variable observational and randomized trials. *Circulation*, *112*(18), 2833-2839.
- DeConinck, J., Johnson, J. U. L. I. E., Busbin, J. A. M. E. S., & Lockwood, F. R. A. N. K. (2008). An examination of the validity of the Downs and Hazen communication satisfaction questionnaire. Marketing management journal, 18(2), 145-153.
- Dejtanasoontorn, S., & Hanpermchai, P. (2010). Purchasing Organic Foods Online Controversial Issue in Marketing.
- Deluga, R. J., & Perry, J. T. (1994). The role of subordinate performance and ingratiation in leader-member exchanges. Group & Organization Management, 19(1), 67-86.
- Dolphin, R. R. (2005). Internal communications: Today's strategic imperative. Journal of marketing communications, 11(3), 171-190.
- Domeyer, d. (1998). building and maintaining employee motivation. women in business, 50(6), 32-33.
- Downs, C. W., & Adrian, A. D. (2004). Assessing organizational communication: Strategic communication audits. Guilford Press.

- Downs, C. W., & Hazen, M. D. (1977). A factor analytic study of communication satisfaction. The Journal of Business Communication (1973), 14(3), 63-73.
- Duchon, D., Green, S. G., & Taber, T. D. (1986). Vertical dyad linkage: A longitudinal assessment of antecedents, measures, and consequences. Journal of applied psychology, 71(1), 56.
- Edmans, A. (2012). The link between job satisfaction and firm value, with implications for corporate social responsibility. The Academy of Management Perspectives, 26(4), 1-19.
- Farji-Brener, A. & Amador-Vargas, S. (2014). Hierarchy of hypotheses or cascade of predictions? A comment on Heger et al. (2013). Ambio, 43, 1112-1114. doi: 10.1007/s13280-014-0549-0
- Gajendran, R. S., & Joshi, A. (2012). Innovation in globally distributed teams: The role of LMX, communication frequency, and member influence on team decisions. Journal of Applied Psychology, 97(6), 1252. 1261.http://dx.doi.org/10.1037/a0028958
- Gerstner, C. R., & Day, D. V. (1997). Meta-Analytic review of leader-member exchange theory: Correlates and construct issues.
- Goldhaber, G. M., Porter, D. T., Yates, M. P., & Lesniak, R. (1978). Organizational communication: 1978. Human Communication Research, 5(1), 76-96.
- Goodboy, A. K., & McCroskey, J. C. (2008). Toward a theoretical model of the role of organizational orientations and Machiavellianism on nonverbal immediacy behavior and job satisfaction. Human Communication, 11(3), 293-307.
- Grissom, J. A., Nicholson-Crotty, J., & Keiser, L. (2012). Does my boss's gender matter? Explaining job satisfaction and employee turnover in the public sector. Journal of Public Administration Research and Theory, 22(4), 649-673.
- Grönfeldt, S., & Strother, J. B. (2006). Service leadership: The quest for competitive advantage. SAGE.
- Hair, J. F., Black, W. C., Babin, B. J. & Anderson, R. E. (2010). *Multivariate data* analysis: A global perspective (7th ed.). New Jersey: Pearson.
- Hamad Al Khayari, (2015). Education Portal (Ministry of Education Oman), Head of Education Portal.
- Hersey, P., Blanchard, K. H., & Johnson, D. E. (2007). Management of organizational behavior (Vol. 9). Upper Saddle River, NJ: Prentice hall.
- Ibrahim, R. M., Ghani, M. A., & Embat, A. M. M. S. (2013). Organizational citizenship behavior among local government employees in east coast Malaysia: A pilot study. *International Business Research*, 6(6), 83.

- Ireri, K. S. and Wagoki, J. (2014), "Assessing the Role of Internal Control System Components in Kenyan Public Universities: A Case Study of Jomo Kenyatta University of Agriculture and Technology", International Journal of Accounting and Financial Management Research, pp. 17-28.
- Jablin, F. M., & Putnam, L. L. (Eds.). (2000). *The new handbook of organizational communication: Advances in theory, research, and methods.* Sage Publications.
- Jian, Guowei, et al. (2014). Leader–Member conversational quality. *Management Communication Quarterly*, 28(3), 375–403. doi:10.1177/0893318914533201.
- Kacmar, K. M., Witt, L. A., Zivnuska, S., & Gully, S. M. (2003). The interactive effect of leader-member exchange and communication frequency on performance ratings. Journal of applied psychology, 88(4), 764.
- Kalla, H. K. (2005). Integrated internal communications: A multidisciplinary perspective. *Corporate Communications: An International Journal, 10*(4), 302-314.
- Kassing, J. W. (2000). Investigating the relationship between superior-subordinate relationship quality and employee dissent. *Communication Research Reports*, 17(1), 58-69.
- Kendall, R. (1997). Communication and technology: The complete guide to using technology for organizational communication. *Public Relations Review*, 23(2), 190-191. doi:10.1016/s0363-8111(97)90026-6.
- Krejcie, R.V., & Morgan, D.W. (1970). Determining sample size for research activities. *Educational and Psychological Measurement*, 30, 607-610.
- Kuhnert, K. W., Sims, R. R., & Lahey, M. A. (1989). The relationship between job security and employee health. Group & Organization Studies, 14(4), 399-410.
- Kumar, Ranjit, 2005, Research Methodology-A Step-by-Step Guide for Beginners, (2nd.ed.), Singapore, Pearson Education.
- Larkin and Larkinn (1996). Larkin Street Youth Services Policy and Procedure Manual.
- Leech, N. L., Barrett, K. C., & Morgan, G. A. (2008). Data coding and exploratory analysis (EDA). SPSS for Intermediate Statistics: Use and Interpretation, 23-45.
- Leelayouthayotin, L. (2004). Factors influencing online purchase intention: The case of health food consumers in Thailand (Doctoral dissertation, University of Southern Queensland).
- Liden, R. C., & Maslyn, J. M. (1998). Multidimensionality of leader-member exchange: An empirical assessment through scale development. *Journal of Management*, 24, 43-72.

- Locke, E. A. (1970). Job satisfaction and job performance: A theoretical analysis. Organizational Behavior and Human Performance, 5(5), 484-500.
- Locke, E. A. (1976). The nature and causes of job satisfaction. Handbook of industrial and organizational psychology.
- Madlock, P. E. (2006). Do differences in displays of nonverbal immediacy and communicator competence between male and female supervisors affect subordinates, job satisfaction. Ohio Communication Journal, 44(5), 61-77.
- Madlock, P. E. (2008). The link between leadership style, communicator competence, and employee satisfaction. The Journal of Business Communication (1973), 45(1), 61-78.
- Malik, A., & Nilakant, V. (2011). Extending the "size matters" debate: Drivers of training in three business process outsourcing SMEs in India. Management Research Review, 34(1), 111-132.
- Mattingly, et al (2014). Workplace self-expansion: Implications for job satisfaction, commitment, self-concept clarity, and self-esteem among the employed and unemployed. *Basic and Applied Social Psychology*, *36*(1), 59-69.
- May, S. (2011). Organizational communication and corporate social responsibility (pp. 87-109). Wiley-Blackwell.
- Miles, E. W., Patrick, S. L., & King, W. C. (1996). Job level as a systemic variable in predicting the relationship between supervisory communication and job satisfaction. Journal of Occupational and Organizational Psychology, 69(3), 277-292.
- Miller, K. (2006). Organizational communication: Approaches and processes (4th ed.). Thomson Wadsworth.
- Morrison, E. W., & Milliken, F. J. (2000). Organizational silence: A barrier to change and development in a pluralistic world. Academy of Management review, 25(4), 706-725.
- Nikolić, et al (2013). The impact of internal communication satisfaction dimensions on job satisfaction dimensions and the moderating role of LMX. Public Relations Review, 39(5), 563-565.
- Nodjo, c., & felicia, m. (2016). An assessment of the effects of internal communication practices on employee productivity; a survey of the views of employees of akuafo adamfo marketing company ltd (doctoral dissertation).
- Nunnally, J. C. (1978). Assessment of Reliability. In: Psychometric Theory (2nd ed.). New York: McGraw-Hill.
- Pettinger, C. B. (2010, January). Safety Step-Change: Moving Leadership Engagement from Good to Great. In ASSE Professional Development Conference and Exposition. American Society of Safety Engineers.

- Pincus, J. D., Knipp, J. E., & Rayfield, R. E. (1990). Internal communication and job satisfaction revisited: The impact of organizational trust and influence on commercial bank supervisors. Journal of Public Relations Research, 2(1-4), 173-191.
- Richmond, V. P., McCroskey, J. C., Davis, L. M., & Koontz, K. A. (1980). Perceived power as a mediator of management communication style and employee satisfaction: A preliminary investigation. Communication Quarterly, 28(4), 37-46.
- Robbins, C. A. (2005). ADHD couple and family relationships: Enhancing communication and understanding through Imago Relationship Therapy. Journal of clinical psychology, 61(5), 565-577.
- Sapsford, R. (2007). Survey research (2nd ed.). London: SAGE Publications, Inc.
- Scandura, T. A., & Pellegrini, E. K. (2008). Trust and leader—member exchange: A closer look at relational vulnerability. Journal of Leadership & Organizational Studies, 15(2), 101-110.
- Sekaran, U. (2000). Research Methods for Business; A skill business approach. *New York: JohnWiley and Sons*.
- Smith, L., & Mounter, P. (2008). Effective internal communication. Kogan Page Publishers.
- Smith, P. C. (1997). Job Description Index. Bowling Green State University.
- 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.
- Steingrímsdóttir, H. (2011). The relationship between internal communication and job satisfaction. A Case Study. Copanhagen Bussiness School, 1900, 20.
- Stember, M. L., Ferguson, J., Conway, K., & Singling, M. (1978). Job Satisfaction Research-An Aid in Decision Making. Nursing administration quarterly, 2(4), 95-106.
- Tabachnick, B. G., & Fidell, L. S. (2014). Using Multivariate Statistics . Harlow: Pearson Education Limited.
- Tomasello, T. K., Lee, Y., & Baer, A. P. (2010). 'New media'research publication trends and outlets in communication, 1990-2006. new media & society, 12(4), 531-548.
- Tompkins, P. K. & Wanca-Thibaut, M. (2001). Organizational Communication. Prelude and Prospects. In F.M. Jablin (Ed.), The new handbook of organizational communication (pp. xviixxxi). Thousand Oaks: Sage.

- Tourish, D., & Hargie, O. (Eds.). (2004). *Key issues in organizational communication*. Psychology Press.
- Tourish, D., & Robson, P. (2006). Sensemaking and the distortion of critical upward communication in organizations. Journal of Management Studies, 43(4), 711-730.
- Tkalac Vercic, Ana & Vercic, Dejan & Sriramesh, Krishnamurthy. (2012). Internal communication: Definition, parameters, and the future. *Public Relations Review*. 38. 223–230. 10.1016/j.pubrev.2011.12.019.

Tsai, M. T., Chuang, S. S., & Hsieh, W. P. (2009). An integrated process model of communication satisfaction and organizational outcomes. Social Behavior and Personality: an international journal, 37(6), 825-834.

Valaei, N., Valaei, N., Jiroudi, S., & Jiroudi, S. (2016). Job satisfaction and job performance in the media industry: A synergistic application of partial least squares path modelling. Asia Pacific Journal of Marketing and Logistics, 28(5), 984-1014.

Verčič, A. T., Verčič, D., & Sriramesh, K. (2012). Internal communication: Definition, parameters, and the future. Public relations review, 38(2), 223-230.

Weick, K. E. (1995). Sensemaking in organizations (Vol. 3). Sage.

Winska, J. (2010). Influence of superior-subordinate communication on employee satisfaction. Journal of Positive Management, 1(1), 110.

Wimmer, R. D., & Dominick, J. R. (2013). Mass media research. Cengage learning.

Wood, J. (1999). Establishing Internal Communication Channels that Work 1. Journal of Higher Education Policy and Management, 21(2), 135-149.

Yew, F. K., Ibrahim, A. G., Sulaiman, Z., Salleh, A. S. M., & Vimala, P. (2005). Increasing land productivity through integration with novel crops. Malaysian Rubber Board.

Yildiz, A., Vieta, E., Leucht, S., & Baldessarini, R. J. (2011). Efficacy of antimanic treatments: meta-analysis of randomized, controlled trials. Neuropsychopharmacology, 36(2), 375-389.

Young, M., & Post, J. E. (1993). Managing to communicate, communicating to manage: How leading companies communicate with employees. Organizational dynamics, 22(1), 31-43.