

# Relationships among Leadership Behaviors, Motivation, Job Characteristics and Innovation Performance

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## ABSTRACT

The purposes of this research are examine the leadership behaviors, motivation, job characteristics and innovation performance. The subjects are the employees of the general publicly-owned and private enterprises; 750 questionnaires are released and the retrieved valid ones are 404 copies. Some concrete suggestions were proposed based on the research results for the reference of Enterprise and administrational authorities in the further researches and discussions. This research was using the method of questionnaire survey together with various kind of statistic analysis and got the important discoveries are stated separately as follows:  
1. The different individual variables to leadership behaviors, motivation, job characteristics and innovation performance come out a partly remarkable discrepancy. 2. Leadership behaviors, motivation, job characteristics and innovation performance reveals outstanding positive relation. 3. Motivation reveals mediator effect between leadership behaviors and innovation performance. 4. The interaction of job characteristics and leadership behaviors reveals interference effect of the part to the innovation performance. 5. The interaction of job characteristics and motivation reveals interference effect to the innovation performance.

Keywords : leadership behaviors ; motivation ; job characteristics ; innovation performance

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## REFERENCES

參考文獻 一、中文部份 吳秉恩(1986),組織行為學,台北:華泰書局。李兆香(2003),醫院組織文化、領導行為與組織公民行為關係之研究,國立中山大學人力資源管理研究所未出版之碩士論文。杜梅明(2005),風險偏好、組織氣候、激勵因素與組織承諾之相關性研究,國立中山大學人力資源管理研究所未出版之碩士論文。林玫玲(1996),領導風格對組織承諾之影響—以組織氣候及內外控為中介變項,國立中正大學企業管理研究所未出版之碩士論文。林振祥(1997),企業人員之人口統計變項、工作特性與激勵因素之相關性研究,東海大學工業工程學研究所未出版之碩士論文。高榮奎(2002),領導風格與組織公民行為關係之研究,國立台灣海洋大學航運管理研究所企業管理組未出版之碩士論文。張永杰(2006),台中縣市高中職教職員之人格特質、主管領導行為與工作績效關聯性之研究,朝陽科技大學工業工程與管理研究所未出版之碩士論文。張華葆(1984),社會心理學,台北:三民書局。張菽萱(1998),我國專科學校領導行為量表

之建立及其應用之研究，國立彰化師範大學工業教育研究所未出版之博士論文。許士軍(1989)，管理學，台北:東華書局。陳義鴻(2000)，銀行業主管領導行為、組織氣氛與領導效能關係之研究，國立彰化師範大學工業教育研究所未出版之碩士論文。陳彰儀(1995)，組織心理學，台北:心理出版社。陳謙森(1996)，轉換型領導對警政服務品質之影響研究，國立政治大學公共行政研究所未出版之碩士論文。曾仕強、劉君政(1989)，圓通的領導，台北:駿馬文化出版社。黃昆輝(1996)，教育行政學，台北:東華書局。黃英忠(2001)，現代管理學(第四版)，台北:華泰書局。黃家齊(1999)，由激勵理論談員工激勵，中國勞工，998，20-23。楊乃嵩(1999)，指導教授領導行為對研究生成就動機之影響—以中山大學為例，國立中山大學人力資源管理研究所未出版之碩士論文。葉桂珍(1995)，管理型態對研發人員工作特性認知之影響:LISREL模式，中山管理評論，3，42-63。廖先思(1999)，轉換型領導、組織承諾與組織公民行為之相關研究—以台灣公立美術館為例，國立中山大學人力資源管理研究所未出版之碩士論文。蔡明介(2002)，競爭力的探求—IC設計、高科技產業實戰策略與觀察，台北:財訊出版社。蔡培村(1980)，國中校長領導型式、教師人格特質與學校組織氣氛之關係，國立政治大學教育研究所未出版之碩士論文。賴信榮(1996)，員工激勵誘因，產業金融，92，87-96。賴秋燕(2003)，組織內外在因素、事業網路互動強度與組織創新績效之關聯性研究，國立成功大學企業管理學系碩士班未出版之碩士論文。謝惠卿(2002)，國中導師領導行為、班級氣氛與學習滿意度之研究—以高雄市某國中為例，國立中山大學人力資源管理研究所未出版之碩士論文。

二、英文部份

Abernathy, W. J., & K. B. Clark (1985). Innovation: Mapping the winds of creative destruction. *Research Policy*, 14(1), 3-23.

Abernathy, W. J., & J. M. Utterback (1978). Patterns of industrial innovation. *Technology Review*, 80(7), 40.

Amabile, T. (1988). Greenwich, A model of Creativity and Innovation in Organizational Behavior. CT: JAI Press.

Amabile, T. M., Conti, R., Coon, H., Lazenby, J., & Herron, M. (1996). Assessing the work environment for creativity. *Academy of Management Journal*, 39(5), 1154-1184.

Ancona, D., & Caldwell, D. (1987). Management issues facing new product teams in high technology companies. *Advances in industrial and labor relations*, 4, 191-221.

Ansoff, I. H., & J. M. Stewart (1967). Strategies for a technology-based business. *Harvard Business Review*, May-June, 112-121.

Bass, B. M. (1985). Leadership and Performance beyond Expectations. New York: Free press.

Bass, B. M., & Avolio, B. J. (1993). Transformational leadership: A response to critiques. In M. M. Chemers & R. Ayman(Eds.), *Leadership Theory and Research: Perspectives and Directions*, 49-80. San Diego, CA: Academic Psychologists Press.

Baron, R. M., & Kenny, D. A. (1986). The moderator-mediator variable distinction in social psychological research: Conceptual, strategic, and statistical considerations. *Journal of Personality and Social Psychology*, 51, 1173-1182.

Betz, F. (1993). Strategic Technology Management. New York: McGraw-Hill.

Burns, J. M. (1978). Leadership. New York: Harper & Row.

Bryman, A. (1992). Charisma and Leadership in Organizations. London: Sage.

Bottger, P. C., & Chew, L. K. H. (1986). The Job Characteristics Model and Growth Satisfaction: Main Effects of Assimilation of Work Experience and Context Satisfaction. *Human Relations*, 39(6), 575-594.

Betz, F. (1993). Strategic Technology Management. New York: McGraw-Hill.

Conger, J. A., & Kanungo, R.N. (1988). Behavioral Dimensions of Charismatic Leadership. In J. A. Conger, R. N. Kanungo, & Associates(eds.), *Charismatic Leadership:the Elusive Factor in Organizational Effectiveness*. San Francisco: Jossey-Bass.

Campbell, J. P. (1977). On the Nature of Organizational Effectiveness. San Francisco: Jossey, Bass.

Cooper, Robert G.. (1985). Industrial firm 's new product strategies. *Journal of Business Research*, 13, 107-121.

Cordery, J. L., & Wall, T. D. (1985). Work Design and Supervisory Practice: A Model. *Human Relations*, 38(5), 425-441.

Cummings, T. G. (1978). Self-regulating Work Groups: A Socio-technical Synthesis. *Academy of Management Review*, 3, 625-634.

Drucker, P. F. (1985). Innovation and Entrepreneurship, Practice and Principles. London: Heinemann.

Eisenberger, R., & Armeli, S. (1997). Can salient reward increase creative performance without reducing intrinsic creative interest?. *Journal of Personality and Social Psychology*, 72(3), 652-663.

Eisenberger, R., Armeli, S., & Pretz, J. (1998). Can the promise of reward increase creativity?. *Journal of Personality and Social Psychology*, 74(3), 704-714.

Eisenberger, R., & Selbst, M. (1994). Does reward increase or decrease creativity?. *Journal of Personality and Social Psychology*, 66(6), 1116-1127.

Eisenberger, R., & Rhoades, L. (2001). Incremental effects of reward on creativity. *Journal of Personality and Social Psychology*, 81(4), 728-741.

Ferris, G. R., & Rowland, K. M. (1981). Leadership, Job Perceptions, and Influence: A Conceptual Integration. *Human Relations*, 34(12), 1069-1077.

Frankel, E. (1990). Management of Technological Change at the Process Level in Manufacturing-Shipbuilding Technology Change. Kluwer Academic Publishers.

Graen, G. B., Liden, R. C., & Hoel, W. (1982). Role of Leadership in the Employee Withdrawal Process. *Journal of Applied Psychology*, 67, 868-872.

Hackman, J. R., & Lawler, E. E. (1971). Employee reaction to Job Characteristics. *Journal of applied Psychology*, 55(3), 259-268.

Hackman, J. R., & Oldham, G. R. (1975). Development of the Diagnostic survey. *Journal of applied Psychology*, 60(2), 159-170.

House, R. J. (1971). A Path-goal Theory of Leader Effectiveness. *Administrative Science Quarterly*, 16(3), 321-338.

Hersey, P., & K. H. Blanchard. (1974). So You Want to Know Your Leadership Style? Training and development Journal, February, 1-15.

Higgins, James M. (1995). Innovation: The core competence. *Planning Review*, 23, 32-36.

Herzberg, F. B., Mausner, B., & Snyderman, B. B. (1959). *The Motivation to Work*. New York: John Wiley & Sons, Inc.

Hill, Charles. W. L., & G. R. Jones (1998). *Strategic Management Theory: A Integrated Approach* (4th ed.). Boston: Houghton Mifflin.

Henderson, R. M., & K. B. Clark (1990). Architectural innovation: The reconfiguration of existing product technologies and the failure of established firm. *Administrative Science Quarterly*, 35, 9-30.

Ivancevich, J. M., Szilagyi, A. D., & Wallace, M. J. (1977). *Organizational Behavior and Performance*. Santa Monica, CA: Good-year Publishing Co.

Janssen, O., Vliert, E. v. d., & West, M. (2004). The bright and dark sides of individual and group innovation: A special issue introduction. *Journal of Organizational Behavior*, 25, 129-145.

Jackson, P. R., Toby, D. W., Martin, R., & Davids, K. (1993). New Measurement of Job Control, Cognitive Demand, and Production Responsibility. *Journal of Applied Psychology*, 78(5), 753-762.

Kanter, R. M. (1983). *The Change masters*. New York: Simon & Schuster.

Kanter, R. M. (1988). When a thousand flowers bloom: Structural, collective, and social conditions for innovation organization. *Research in Organizational Behavior*, 10, 169-211.

Kovach, K. A. (1946). What motivates employees? Workers and supervisors give different answer. *Business Horizons*, 30, Sep-Oct, 58-65.

Lovelace, K., Shapiro, L. D., & Weingart, R.

L. (2001). Maximizing Cross-functional New Product Team ' s Innovativeness And Con-strain Adherence: A Conflict Communication Perspective. *Academy of Management Journal*, 44(4), 779-793. Locke, E. A. (1968). The Relationship of Intentions to level of Per-formance. *Journal of Applied Psychology*, 50, 60-66. Mumcord, M. D. (2000). Managing creative people: Strategies and tactics for innovation. *Human Resource Management Review*, 10(3), 313-351. Mayfield, M., & Mayfield, J. (2004). The effects of leader commun-i-cation on worker innovation. *American Business Review*, 22(2), 46-51. Maslow, A. H. (1954). Motivation and Personality. New York: Happer & Brothers Pub. Marquis, D. G. (1972). The anatomy of successful innovation. *Manag-ing Advancing Technology*, 1, 35-48. Oldham, G. R., & Cummings, A. (1996). Employee creativity: Per-sonal and contextual factors and work. *Academy of Manage-ment Journal*, 39, 607-634. Orville, C., Jr. Walker, & R.W. Ruekert (1987). Marketing ' s role in the implementation of business strategies: A critical review and conceptual framework. *Journal of Marketing*, 51(July), 15-33. Rupple, P. C., & Harrington, J. S. (2000). The Relationship of Com-munication, Ethical Work Climate, and Trust to Commitment and Innovation. *Journal of Business Ethic*, 25, 313-328. Robbins, S. P. (1992). *Organizational Behavior* (6th ed.). Englewood Cliffs: Prentice Hall Inc. Robert, K. H., & Glick, W. (1981). The Job Characteristics Approach to Task Design: A Critical Review. *Journal of Applied Psychol-ogy*, 66, 193-217. Scott, S. G., & Bruce, R. A. (1994). Determinants of innovative behav-ior: A path model of individual innovation in the workplace. *Academy of Management Journal*, 37(3), 580-607. Stogdill, R. M. (1974). *Handbook of Leadership: A Survey of Theory and Research*. New York: Free Press. Schumppter, J. A. (1932). *The Theory of Economic Development*. Cambridge, MA. Harvard University Press. Salancik, G. R., & Pfeffer, J. (1977). An Examination of need-satisfaction models of job attitudes. *Administrative Science Quarterly*, 22, 428-456. Salancik, G. R., & Pfeffer, J. (1978). A social information processing to job attitudes and job design. *Administrative Science Quar-terly*, 23, 224-253. Turner, A. N., & Lawrence, P. R. (1965). *Industrial Jobs and the Worker*. Boston: Harvard University, Graduate School of Busi-ness Administration. Vroom, V. H. (1964). *Work and Motivation*. New York: Wiley. Woodman, R. W., Sawyer, J. E., & Griffin, R. W. (1993). Toward a theory of organizational creativity. *Academy of Management re-view*, 18, 293-321. Walker, O. C., & Ruekert, R. W. (1987). Marketing ' s role in the im-plementation of business strategies: A critical review and con-ceptual framework. *Journal of Marketing*, 51(3), 15-33. West, M., & Farr, J. (1989). Innovation at work. Psychological per-spective: *Social Behavior*, 4, 15-30. Yukl, Gary A. (1989). *Managerial Leadership: A Review of Theory and Research*. *Journal of Management*, 15, 251-89. Zahra, Shaker A., & Bogner, William C. (2000). Technology strategy and software new venture ' s performance: Exploring the moder-ating affect of the competitive environment. *Journal of business venturing*, 15(2), 135-173.