以階層線性模式探討個人態度信念及學校國際化程度對知識分享之影響 = Using hierarchical linear modeling to investigate the i

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## 摘要

本研究延伸解構計畫行為理論來探討專業虛擬社群之知識分享行為,主要檢視個體層次變項(期望報酬、知識損失、利他主義、遺憾、害羞行為及組織承諾)及群體層次變項(期望報酬、知識損失、知識分享氣候、組織承諾及國際化程度)對個體知 識分享態度之影響,並進一步檢視知識分享態度之後果。研究樣本為台灣的56個系所的545位學生,並以階層線性模式及 迴歸分析進行假說的驗證。結果顯示個體層次變項均與個體知識分享態度有關,而群體層次之知識損失、知識分享氣候、 組織承諾對知識分享態度亦有顯著相關。最後,個體知識分享態度對個體知識分享意圖以及個體知識分享意圖對個體知識 分享態度之假說亦皆獲得支持。

關鍵詞:解構計畫行為理論、專業虛擬社群、知識分享

....i英文摘要 中文摘要 ii 誌謝辭 .........................iii 內容目錄 . . . . . . . . . . . . . . . . . ....vi 表目錄 ... . . . . . iv 圖目錄 ....1 第二章 ....vii 第一章 緒論 . . . 文獻探討 . . . . . 專業虛擬社群之知識分享.....5 . . . 5 第一節 第二節 解構計畫行為理論.... 研究方法 . . . . . . . . . . . . . 6 第三節 假說推論....8第三章 第一節 研究架構 第二節 研究對象與資料收集 . . . . 23 第三節 操作型定義................25 第四節 統計方法... 信效度分析 . . . . . . . . . . . . . . . . . 36 第二節 迴歸分析. 研究結 .....40 第五章 論 . . . . . . . . . . . . . . 42 第二節 研 究限制與建議................48 參考文獻 . . . . . . . . . . . . . . . . . 74

## 參考文獻

Abraham, C. and Sheeran, P. (2003). Acting on intentions: The role of anticipated regret. British Journal of Social Psychology, Vol. 42, No. 4, pp. 495 – 511. Aiken, L. S. and West, S. G. (1991). Multiple regression: Testing and interpreting interactions, Sage, Thousand Oaks, CA. Al-Shammari, M. M. (1992). Organizational Climate. Leadership and Organization Development Journal, Vol. 13, No. 6, pp. 30 – 32. Ajzen, I. (1991). The Theory of Planned Behavior, Organizational Behavior and Human Decision Processes, Vol. 50, No. 2, pp. 179-211. Ajjan, H. and Hartshorne, R. (2008). Investigating faculty decisions to adopt Web 2.0 technologies: Theory and empirical tests. Internet and Higher Education, Vol. 11, No. 2, pp. 71 – 80. Anderson, N. R. and West, M. A. (1998). Measuring Climate for Work Group Innovation: Development and Validation of the Team Climate Inventory. Journal of Organizational Behavior, Vol. 19, No. 3, pp. 235-258. Ang, S., Slaughter, S. and Ng, K. Y. (2002). Human Capital and Institutional Determinants of Information Technology Compensation: Modeling Multilevel and Cross-Level Interactions. Source: Management Science, Vol. 48, No. 11, pp. 1427-1445. Angle, H. L. and Perry, J. L. (1981). An Empirical Assessment of Organizational Commitment and Organizational Effectiveness. Administrative Science Quarterly, Vol. 26, No. 1, pp. 1-14. Aulawi, H., Sudirman, I., Suryadi, K. and Govindaraju, R. (2009). Literature Review Towards Knowledge Enablers Which Is Assumed Significantly Influences Ks Behavior. Journal of Applied Sciences Research, Vol. 5, No. 12, pp. 2262-2270. Avolio, B. J, and Bass. B. M. (1995). Individual consideration viewed at multiple levels of analysis: A multi-level framework for examining the diffusion of transformational leadership. Leadership Quarterly, Vol. 6, No. 2, pp. 199-218. Banks, J. A. (1994), An Introduction to Multicultural education, Seattle: University of Washington. Bartell, M. (2003). Internationalization of universities: A university culture-based framework. Higher Education, Vol. 45, No. 1, pp. 43-70. Bartlett, K. R. (2001). The relationship Between Training and Organizational Commitment: A Study in the Health Care Field. Human Resource Development Quarterly,

## 目錄

Vol. 12, No. 4, pp. 335-352. Bieber, M. et al. (2002). Towards Knowledge-Sharing and Learning in Virtual Professional Communities. Proceedings of the 35th Hawaii International Conference on System Sciences. Bock, G. W. and Kim, Y. G. (2002). Determinants of the Individual 's Knowledge Sharing Behavior: The Theory of Reasoned Action Perspective, Proceedings of 6th Pacific Asia Conference on Information System(PACIS). Bock, G. W. and Kim, Y. G. (2002). Breaking the Myths of Rewards: An Exploratory Study of Attitudes About Knowledge Sharing. Information Resource Management Journal, Vol. 15, No. 2, pp.14-21. Bock, G. W., Zmud, R. W., Kim, Y. G. and Lee, J. N. (2005). Behavioral intention formation in Knowledge Sharing: Examining the Roles of Extrinsic Motivators, social-psychological forces, and Organizational Climate. MIS Quarterly, Vol. 29 No. 1, pp. 87-111. Bommer, W. H., Dierdorff, E. C. and Rubin, R. S. (2007). Does Prevalence Mitigate Relevance? The Moderating Effect of Group-Level OCB on Employee Performance. Academy of Management Journal, Vol. 50, No. 6, pp. 1481 – 1494. Brehaut, J. C., O'Connor, A. M., Wood, T. J., Hack, T. F., Siminoff, L. and Gordon, E. (2003). Validation of a Decision Regret Scale. Med Decis Making, Vol. 23, No. 4, pp. 281-292. Bruch, M. A. and Heimberg, R. G. (1994). Differences in perceptions of parental and personal characteristics between generalized and nongeneralized social phobics. Journal of Anxiety Disorders, Vol. 8, No. 2, pp. 155-168. Carpenter, M. A. and Sanders, Wm. G. (2004). The Effects of Top Management Team Pay and Firm Internationalization on MNC Performance. Journal of International Management, Vol. 30, No. 4, pp. 509 – 528. Carvalho, R. B. and Ferreira, M. A. (2001). Using information technology to support knowledge conversion processes. Information Research, Vol. 7, No. 1, pp. 21-32. Castelfranchi, C. (1995). Commitments: From individual intentions to groups and organizations. In Proceedings of the International Conference on Multiagent Systems, pp. 41-48. Chang, H. S., Lee, J. C. and Tseng, C. M. (2008). The influence of service recovery on perceived justice under different involvement level - an evidence of retail industry Contemporary. Management Research, Vol. 4, No. 1. pp. 57-82. Chatzoglou, P. D. and Vraimaki, E. (2009). Knowledge-sharing behaviour of bank employees in Greece. Business Process Management Journal Vol. 15 No. 2, pp. 245-266. Cheek, J. M. and Buss, A. H. (1981). Shyness and sociability. Journal of Personality and Social Psychology, Vol. 41, No. 2, pp. 330-339. Chen, C. H., Tang, Y. Y. and Wang, S. J. (2009). Interdependence and Organizational Citizenship Behavior: Exploring the Mediating Effect of Group Cohesion in Multilevel Analysis. The Journal of Psychology: Interdisciplinary and Applied, Vol. 143, No. 6, pp. 625-640. Chen, C. J. and Hung, S. W. (2010). To give or to receive? Factors in?uencing members ' knowledge sharing and community promotion in professional virtual communities. Information and Management, Vol. 47, pp. 226 - 236. Chen, C. V., Tang, Y. Y. and Wang, S. J. (2009). Exploring the Mediating Effect of Group Cohesion in Multilevel Analysis. The Journal of Psychology: Interdisciplinary and Applied. Vol. 143, No. 6, pp. 625-640. Chen, Y. L. (2007). The factors influencing members ' continuance intentions in professional virtual communities – a longitudinal study. Journal of Information Science, Vol. 33, No. 4, pp. 451 – 467 Cheng, W. L. and Ho, C. K. (2001). A review of transfer of training studies in the past decade. Personnel Review, Vol. 30 No.1, pp.102 – 118. Chiu, C. M., Hsu, M. H. and Wang, T. G. (2006). Understanding knowledge sharing in virtual communities: An integration of social capital and social cognitive theories. Decision Support Systems, Vol. 42, No. 3, pp. 1872 – 1888. Cho, H. Chen, M. H. and Chung, S. (2010). Testing an Integrative Theoretical Model of Knowledge-Sharing Behavior in the Context of Wikipedia. Journal of the American Society for Information Science and Technology, Vol. 61, No. 6, pp. 1198 – 1212. Choi, J. N. (2007). Change-Oriented Organizational Citizenship Behavior: Effects of Work Environment Characteristics and Intervening Psychological Processes. Journal of Organizational Behavior, Vol.28, No.4, pp. 467-484. Choi, J. N., Price, R. H. and Vinokur, A. D. (2003). Self-ef?cacy changes in groups: effects of diversity, leadership, and group climate. Journal of Organizational Behavior, Vol. 24, No. 4, pp. 357 – 372, Chu. H. R. (2008), Shyness and EFL Learning in Taiwan: A study of shy and non-shy students ' use of strategies, foreign language anxiety, motivation, and willingness to communicate. The University of Texas at Austin. Educational Psychology. Chua, A. (2003). Knowledge sharing: a game people play. Aslib Proceedings, Vol. 55, No. 3, pp. 117-129. Cohen, A. (2000). The relationship between commitment forms and work outcomes: a comparison of three models. Human Relations, Vol. 53 No.3, pp. 387-417. Coombs, G. (1994). Organizational demography, job attitudes and perceptions: a field study of the effects of group-level demographic composition. University of Colorado, pp.196. Conner, M. and Armitag, C. J. (1998). Extending the Theory of Planned Behavior: A Review and Avenues for Further Research. Journal of Applied Social Psychology, Vol. 28, No. 15, pp. 1429-1464. Davenport, T. H. and Prusak, L. (1998). Working Knowledge: How Organization Manage What They Know. Boston: Harvard Business School Press. de Lauwere, C., van Asseldonk, M., van 't Riet, J., de Hoop, J and ten Pierick, E. (2011). Understanding farmers' decisions with regard to animal welfare: The case of changing to group housing for pregnant sows. pp. 1871-1413. De Rivera, J. (1992). Emotional climate: Social structure and emotional dynamics. International Review of Studies on Emotion, Vol. 2, No. 2, pp. 197 – 218. Denision, D. R. (1996). What is the difference between organizational culture and organizational climate?: a native's point of view on a decade of paradigm wars. Academy of Management Review, Vol. 21, No. 3, pp. 619-654. Dixon, N. (2000). Common Knowledge: How Company Thrive By Sharing What. Dvir, T., Kass, N. and Shamir, B. (2004). The emotional bond: vision and organizational commitment among high-tech employees. Journal of Organizational Change Management, Vol. 17, No. 2, pp. 126 -143. Eckel, C. C. and Grossman, P. J. (2000). Volunteers and Pseudo-Volunteers: The Effect of Recruitment Method in Dictator Experiments, Experimental E conomics, Vol. 3, No. 2, pp.107-120 Ellahi, A. A. and Mushtaq, R. (2011). Probing Factors Affecting Knowledge Sharing Behavior of Pakistani Bloggers. EJISDC, Vol. 45, No. 6, pp. 1-14. Ellemers, N., Spears, R. and Doosje, B. (2002). Social identity: Context, commitment, content, pp. 205-229. Ensher, E. A., Grant-Vallone, E. J. and Donaldson, S. I. (2001). Effects of Perceived Discrimination on Job Satisfaction, Organizational Commitment, Organizational Citizenship Behavior, and Grievances. Human Resource Development Quarterly, Vol. 12, No. 1, pp. 53-72. Fang, Y. H. and Chiu, C. M. (2010). In justice we trust: Exploring knowledge-sharing continuance intentions in virtual communities of practice. Computers in Human Behavior, Vol. 26, No. 2, pp. 235 – 246. Flouris, A., Hawthorne, G., Aitken, M. A., Gaff, C. and Metcalfe, S. A.

(2010). Development of a questionnaire for evaluating genetics education in general practice. J Community Genet, Vol. 1, No. 4, pp. 175 – 183. Fishbein, M. and Ajzen, I. (1975). Belief, attitude, intention, and behavior: An introduction to theory and research. Reading, MA: Addison-Wesley. Glisson, C. and Durick, M. (1988). Predictors of Job Satisfaction and Organizational Commitment. Administrative Science Quarterly, Vol. 33, No. 1, pp. 61-81. Glisson, C. and Green, P. (2006). The Effects of Organizational Culture and Climate on the Access to Mental Health Care in Child Welfare and Juvenile Justice Systems. Administration and Policy in Mental Health and Mental Health Services Research, Vol. 33, No. 4, pp. 433-448. Glisson, C. and James, L. R. (2002). The cross-level effects of culture and climate in human service teams. Journal of Organizational Behavior, Vol. 23, No. 6, pp. 767 – 794. Gnyawali, D. R. and Madhavan, R. (2001). Cooperative networks and competitive dynamics: a structural embeddedness perspective. Academy of Management Review, Vol. 26 No.3, pp. 431-46. Gonzalez-Roma, V., Peiro, J.M. and Tordera, N. (2002). An examination of the antecedents and moderator influences of climate strength. Journal of Applied Psychology, Vol. 87, No. 3, pp. 465-473. Gu, Q. and Gu, Y. (2011). Factorial Validation of Knowledge-Sharing Motivation Construct. Journal of Service Science and Management, Vol. 4, No.1, pp. 59-65. Guerin, D., Crete, J. and Mercier, J. (2001). A multilevel analysis of the determinants of recycling behavior in the European Countries. Social Science Research, Vol. 30, No. 2, pp. 195-218. Gummer, B. (2001). I'm in the mood for work: current perspectives on work group dynamics. Administration in Social Work, Vol. 25, No. 2, pp. 81-101. Gupta, B., Sharma, N. K. and Ganesh, C. (2009). The influence of organisational cultural values, reward, time, self-esteem and job security on knowledge sharing intentions among managers. International Journal of Indian Culture and Business Management, Vol. 2, No.2, pp. 125-143. Hausknecht, J. P., Hiller, N. J. and Vance, R. J. (2008). Work-unit Absenteeism: Effects of Satisfaction, Commitment, Labor Market Conditions, and Time. Academy of Management Journal, Vol. 51, No. 6, pp. 1223 – 1245. Henry, C. (1974). Investment Decisions Under Uncertainty: Thee "Irreversibility Effect". The American Economic Review, Vol. 64, No. 6, pp. 1006-1012 Hicks, W. D. and Klimoski, R. J. (1987). Entry into Training Programs and its Effects on Training Outcomes: A Field Experiment. Academy of Management Journal, Vol. 30, No. 3, pp. 542-552. Hislop, D. (2003). Linking human resource management and knowledge management via commitment: A review and research agenda. Employee Relations, Vol. 25, No.2, pp. 182-202. Hofmann, D. and Stetzer, A. (1996). A cross-level investigation of factors influencing unsafe behaviors and accidents. Personnel Psychology, Vol. 49, No. 2, pp. 307 - 339. Hong, S. J., Thong, J. Y. L., Moon, J. Y. and Tam, K. Y. (2008). Understanding the Behavior of Mobile Data Services Consumers, Information Systems Frontiers, Vol. 10, No. 4, pp. 431 – 445. Horton, R. L. and Horton, P. J. (1991). A model of willingness to become a potential organ donor. Social Science and Medicine, Vol. 33, No. 9, pp. 1037-1051. Hopko, D. R., Stowell, J., Jones, W. H., Armento, M. E. A. and Cheek, J. M. (2004). Psychometric Properties of the Revised Cheek and Buss Shyness Scale. Journal of Personality Assessment, Vol. 84, No.2, pp. 185 - 192. Hsu, C. L. and Lu, H. P. (2004). Why do people play on-line games? An extended TAM with social in?uences and ?ow experience. Information and Management, Vol.41, No.4, pp. 853 – 868. Hsu, C. L. and Lin, C. C. (2008). Acceptance of blog usage: The roles of technology acceptance, social influence and knowledge sharing motivation. Information and Management, Vol. 45, No. 1, pp. 65 – 74. Hsu, M. H., and Chiu, C. M. (2004). Predicting Electronic Service Continuance with a Decomposed Theory of Planned Behavior. Behaviour and Information Technology, Vol.23, No.5, pp. 359-373. Hsu, M. H., Ju, T. L., Yen, C. H. and Chang, C. M. (2007). Knowledge sharing behavior in virtual communities: The relationship between trust, self-ef?cacy, and outcome expectations. Int. J. Human-Computer Studies, Vol. 65, No.2, pp. 153 - 169. Huang, E. and Chuang, M. H. (2007). Extending the theory of planned behaviour as a model to explain post-merger employee behaviour of IS use. Computers in Human Behavior, Vol. 23, No.1, pp. 240 – 257. Huang, Q., Davison, R. M. and Gu, J. (2008). Impact of. Personal and Cultural factors on Knowledge Sharing in. China. Asia Pacific J Manage, Vol. 25, No. 3, pp. 451-471. Hung, S. Y., Lai, H. M. and Chou, Y. C. (2010). The Determinants of Knowledge Sharing Intention in Professional Virtual Communities: An Integrative Model. Computers in Human Behavior, Vol. 26, No. 2, pp. 235 -246. Ipe, M. (2003). Knowledge sharing in organizations: a conceptual framework. Human Resource Development Review, Vol. 2, No. 4, pp. 337-359. James, L. R. (1982). Aggregation bias in estimates of perceptual agreement. Journal of Applied Psychology, Vol. 67, No. 2. pp. 219 - 229. James, L. R., Demaree, R. G. and Wolf, G. (1984). Estimating within-group interrater reliability with and without response bias. Journal of Applied Psychology, Vol. 69, No. 1, pp. 85 - 98. James, L.R., Joyce, W. F. and Slocum, J. W., Jr. (1988). Comment: Organizations do not cognize. Academy of Management Review, Vol. 13, No. 1, pp. 129-132. Jaramillo, F., Mulki, J. P. and Locander, W. B. (2006). The role of time wasted in sales force attitudes and intention to quit. The International Journal of Bank Marketing, Vol. 24, Vol. 1, pp. 24-36. Jones, W. H., Briggs, S. R. and Smith, T. G. (1986). Shyness: Conceptualization and Measurement. Journal of Personality and Social Psychology, Vol. 51, No. 3, pp. 629-639. Kang, M. and Kim, Y. G. (2010). A Multilevel View on Interpersonal Knowledge Transfer. Journal of the American Society for Information Science and Technology, Vol. 61, No. 3, pp.483 – 494. Kankanhalli, A., Tan, C. Y. and Wei, K. K. (2005). Contributing Knowledge to Electronic Knowledge Repositories: An Empirical Investigation. MIS Quarterly, Vol. 29, No.1, pp. 113-143. Katzy, B. R. and Ma, X. (2002). Virtual Professional Communities- Definitions and Typology. The 8th International Conference on Concurrent Enterprising. Klonowski, D. (2005). Internationalization of Polish Firms: Developing A Typology of Local Exporters. East European Quarterly, Vol. 39, No. 1, pp. 83-101. Kidwell, R. E., Jr., Mossholder, K. W. and Bennett, N. (1997). Cohesiveness and organizational citizenship behavior: a multilevel analysis using work groups and individuals. Journal of Management, Vol. 23, No. 6, pp. 775-793. Kim, W. C. and Mauborgne, R. A. (1998). Procedural Justice, Strategic Decision Making, and the Knowledge Economy, Strategic Management Journal, Vol. 19, No. 4, pp.323-338. Kozlowski, S. W. J. and Hults, B. M. (1987). An exploration of climates for technical updating and performance. Personnel Psychology, 40, No. 3, pp. 539 – 562. Kopfman, J. E. and Smith, S. W. (1996), Understanding the audiences of a health communication campaign: A discriminant analysis of potential organ donors based on intent to donate. Journal of Applied Communication Research, Vol. 24, No. 1, pp. 33-49. Kuenzi, M.

(2008). An integrated model of work climate . University of Central Florida. Kwok, R. P. S., Lundblad, J. R., Chrivia, J. C., Richards, J. P., Bachinger, H. P., Brennan, R. G., Roberts, S. G. E., Green, M. R. and Goodman, R. H. (1994). Nuclear protein CBP is a coactivator for the transcription factor CREB. Nature, Vol. 370, No.2, pp. 223-226. Kwok, C. C. Y. and Arpan, J. S. (2002). Internationalizing the business school: a global survey in 2000. Journal of International Business Studies, Vol. 33 No. 3, pp. 571-81. Larrick, R. P. and Boles, T. L. (1995). Avoiding Regret in Decisions with Feedback: A Negotiation Example. Organizational Behavior and Human Decision Processes, Vol. 63, No. 1, pp. 87-97. Lee, P., Lin, H., Chen, H., and Shyr, Y. (2011). Knowledge articulation and dynamic capabilities in firm collaborations: An empirical comparison of Taiwanese and South Korean Enterprises. African Journal of Business Management, Vol. 5, No. 11, pp. 4196-4208. Leong, C.S., Furnham, A. and Cooper, C.L., (1996). The moderating effect of organizational commitment on the occupational stress outcome relationship. Human Relations, Vol. 49, No. 10, pp. 1345-1363. Liao, H., and Chuang, A. (2004). A Multilevel Investigation of Factors Influencing Employee Service Performance and Customer Outcomes. Academy of Management Journal, Vol. 47, No, 1, pp. 52-58. Liao, H. and Chuang, A. (2007). Transforming Service Employees and Climate: A Multilevel, Multisource Examination of Transformational Leadership in Building Long-Term Service Relationships. Journal of Applied Psychology, Vol. 92, No. 4, pp. 1006 – 1019. Liao, H., Joshi, A. and Chuang, A. (2004). Sticking out Like a Sore Thumb: Employee Dissimilarity and Deviance at Work. Personnel Psychology, Vol. 57, No. 4, pp. 969 – 1000. Lai, M. C., Huang, H. C., Lin, L. H. and Kao, M. C. (2011). Potential of organizational memory for creating service performance: A cross-level analysis. Expert Systems with Applications, Vol. 38, No. 8, pp. 10493-10498. Lee, F., Vogel, D., and Limayem, M. (2003). Virtual Community Informatics: A Review and Research Agenda, The Journal of Information Technology Theory and Application (JITTA), Vol. 5, No. 1, pp. 47-61. Lin, C. P. (2007). To Share or Not to Share: Modeling Tacit Knowledge Sharing, Its Mediators and Antecedents. Journal of Business Ethics, Vol. 70, No. 4, pp. 411 – 428. Lin, F. R., Lin, S. C., and Huang, T. P. (2008). Knowledge sharing and creation in a teachers ' professional virtual community. Computers and Education, Vol. 50, No. 3, pp. 742 – 756. Lin, H. F. (2007). Effects of extrinsic and intrinsic motivation on employee knowledge sharing intentions. Journal of Information Science, Vol. 33, No. 2, pp. 135 – 149. Lin, H. F. (2007). Predicting consumer intentions to shop online: An empirical test of competing theories. Electronic Commerce Research and Applications, Vol. 6, No. 4, pp. 433 - 442. Lin, H. F. (2007). Knowledge sharing and firm innovation capability: an empirical study. International Journal of Manpower, Vol. 28 No. 3, pp. 315-332. Lin, H. F. and Lee, G. G. (2004). Perceptions of senior managers toward knowledge sharing behaviour. Management Decision, Vol. 42 No. 1, pp. 108-125. Lin, M. J., Hung, S. W. and Chen, C. J. (2009). Fostering the determinants of knowledge sharing in professional virtual communities. Computers in Human Behavior, Vol. 25, No. 4, pp. 929 – 939. Lindsey, K. L. (2006). Knowledge Sharing Barriers. Proccesses of Knowledge Management, Encyclopedia of Knowledge Management, Idea Group Reference, Hershey, PA, pp. 499-506. Liu, Y. and Phillips, S. (2011). Examining the antecedents of knowledge sharing in facilitating team innovativeness from a multilevel perspective. International Journal of Information Management, Vol. 31, No. 1, pp. 44 – 52. Luthans, F., McCaul, H. S. and Dodd, N. G. (1985). Research Notes Organizational Commitment: A Comparison of American, Japanese, and Korean Employees. Academy of Management Journal, Vol. 28, No. 1, 213-219. Macaulay, J. and Berkowitz, L. (1970). Altruism and helping behavior. New York: Academic Press. Mathieu, J. E. and Farr, J. L. (1991). Further evidence for the discriminant validity of measures of organizational commitment, job involvement, and job satisfaction. Journal of Applied Psychology, Vol. 76, No.1, pp. 127-133. Marrone, J. A., Tesluk, P. E. and Carson, J. B. (2007) A Multilevel Investigation of Antecedents and Consequences of Team Member Boundary-Spanning Behavior, Academy of Management Journal, Vol. 50, No. 6, pp. 1423 – 1439, Minbaeva, D. B. and Michailova, S. (2004), Knowledge transfer and expatriation in multinational corporations The role of disseminative capacity. Employee Relations Vol. 26 No. 6, pp. 663-679. Ming Chen, M., Zhou, J. and Zhao, L. (2008). The Effect of Virtual Community Culture and Group Cohesion on Knowledge Sharing: A Case Study of Professional Virtual Community.Computer Science and Software Engineering, Vol. 12, No.1, pp.105-108. Moritz, S. E. and Watson, C. B. (1998). Levels of Analysis Issues in Group Psychology: Using Efficacy as an Example of a Multilevel Model. Group Dynamics: Theory, Reseatch, and Practice, Vol. 2, No. 4, pp.285-298. Mowday, R. T., Steers, R. M. and Porter, L. W. (1979). The Measurement of Organizational Commitment, Journal of Vocational Behavior, Vol. 14, No. 2, pp. 224-247. Okada, A. and. Keynes, M. (2007). Knowledge Media Technologies for Open Learning in Online Communities. The International Journal of Technology, knowledge and society, Vol. 3, Iss.1832-3669. Okyere-Kwakye, E., Md Nor, K. and Ziaei, S. (2011). The Influence of Altruism, Self Efficacy and Trust on Knowledge Sharing. Journal of Knowledge Economy and Knowledge Management, Vol. 3, No. 1, pp. 31-39. Oliver, R. and Berger, P. (1979). A path analysis of preventive health care decision models. Journal of Consumer Research, Vol. 6, No. 2, pp. 113-122. Orr, E. S. et al. (2009). The Influence of Shyness on the Use of Facebook in an Undergraduate Sample. Cyberpsychology and Behavior, Vol. 12, No. 3, pp. 337 – 340. Nammi, A. Z. and Nezhad, M. Z. (2009). The Relationship Between Psychological Climate and Organizational Commitment. Journal of Applied Sciences, Vol. 9, No. 1, pp. 161-166. Namkung, Y. and Jang, S. (2009). The effects of interactional fairness on satisfaction and behavioral intentions: Mature versus non-mature customers. International Journal of Hospitality Management, Vol. 28, No. 3, pp. 397-405. Naumann, S. E. and Bennett, N. (2000). A case for procedural justice climate: evelopment and test of a multilevel model. Academy of Management Journal, Vol. 43, No.5, pp. 881-889. Nicolai J. and Foss, T. P. (2002). Transferring knowledge in MNCs: The role of sources of subsidiary knowledge and organizational context. Journal of International Management, Vol. 8, No. 1, pp. 49 – 67. Nutt, B (1988). The strategic design of buildings. Long Range Planning, Vol. 21, No.4, pp. 130-40. Nunnally, J. (1967), Psychometric Methods, New York: McGraw Hill. Noerager, J. P. (1979). An Assessment of CAD-A Personality Instrument Developed Specifically for Marketing Research. Journal of Marketing Research, Vol. 16, No. 1, pp. 53-59. Northcraft, G. B. and Neale, M. A. (1986). Opportunity costs and the framing of resource allocation decisions. Organizational Behavior and Human Decision Processes, Vol. 37, No. 3, pp. 348-356. Penz, E. and Stottinger, B.

(2005). Forget the "Real" Thing – Take the Copy! An Explanatory Model for the Volitional Purchase of Counterfeit Products. Advances in Consumer Research, Vol. 32, No. 1, pp. 568 – 575. Ramayah, T., Rouibah, K., Gopi, M. and Rangel, G. J. (2009). A decomposed theory of reasoned action to explain intention to use Internet stock trading among Malaysian investors. Computers in Human Behavior, Vol. 25, No. 6, pp. 1222 – 1230. Reagans, R. and McEvily, B. (2003). Network Structure and Knowledge Transfer: The Effects of Cohesion and Range. Administrative Science Quarterly, Vol. 48, No. 2, pp. 240-267. Reb, J. and Connolly, T. (2009). Myopic Regret Aversion and Feedback Avoidance in Refeated Decisions. Organizational Behavior and Human Decision Processes. Vol. 109 No. 2, pp. 182-189. Renzl, B. (2008). Trust in management and knowledge sharing: The mediating effects of fear and knowledge documentation. Omega, Vol. 36, No.2, pp. 206 – 220. Rice, R. E, and Aydin, C. (1991). Attitudes Toward New Organizational Technology: Network Proximity as a Mechanism for Social Information Processing. Administrative Science Quarterly, Vol. 36, No. 2, pp. 219-244. Richard, R., de Vries, NK, and van der Pligt, J. (1998). Anticipated regret and precautionary sexual behavior. Journal of Applied Social Psychology, Vol. 28 No. 5, pp. 1411 – 1428. Robinson, S. L. and O'Leary-Kelly, A. M. (1998). Monkey see, monkey do: The influence of work groups on the antisocial behavior of employees. Academy of Management Journal, Vol. 41, No. 6, pp. 658 - 672. Rosen, C. C., Harris, K. J. and Kacmar, K. M. (2011). LMX, Context Perceptions, and Performance: An Uncertainty Management Perspective. Journal of Management, Vol. 37 No. 3, pp. 819-838 Rouibah, K., Thurasamy, R and May, O. S. (2009). User Acceptance of Internet Banking In Malaysia: Test of Three Competing Models. IJEA, Vol.1, No.1, pp. 1-19. Salanova, M., Agut, S., & Peiro', J. (2005). Linking organizational resources and work engagement to employee performance and customer loyalty: The mediation of service climate. Journal of Applied Psychology, Vol. 90, pp. 1217 – 1227. Santoro, R. and Bifulco, A. (2008). Professional virtual communities reference framework. Methods and tools for Collaborative Networked Organizations. Samieh, H. M. and Wahba, K. (2007). Knowledge Sharing Behavior From Game Theory And Socio-Psychology Perspectives. Proceedings of the 40th Hawaii International Conference on System Sciences. Schreyogg, G. and Geiger, D. (2007). The Significance of Distinctiveness: A Proposal for Rethinking Organizational Knowledge. Organization article, Vol. 14, No. 1, pp. 77 – 100. Schneider, B. and Reichers, A. E. (1983). On the Etiology of Climates. Personnel Psychology, Vol. 36, No. 1, pp. 19-39. Shih, Y. Y. and Fang, K. (2004). The use of a decomposed theory of planned behavior to study Internet banking in Taiwan. Internet Research Vol. 14, No. 3, pp. 213 – 223. Sitkin, S.B. and Pablo, A. L. (1992). Reconceptualizing the determinants of risk behavior. Academy of Management Review, Vol. 17, No. 1, pp. 9-38. Simons, T. and Roberson, Q. (2003). Why Managers Should Care About Fairness: The Effects of Aggregate Justice Perceptions on Organizational Outcomes. Journal of Applied Psychology, Vol. 88, No. 3, pp. 432 - 443. Smarkola, C. (2008). Effcacy of a planned behavior model: Beliefs that contribute to computer usage intentions of student teachers and experienced teachers. Computers in Human Behavior, Vol. 24, No. 3, pp. 1196 – 1215. So, C. F. and Bolloju, N. (2005). Explaining the intentions to share and reuse knowledge in the context of IT service operations. Journal of Knowledge Management, Vol. 9, No. 6, pp. 30 – 41. Spears, E. R. and Doosje, B. (1999). Social identity: Context, commitment, content, pp. 59-83. Stanhope, L., Bell, R. Q. and Parker - Cohen, N. Y. (1987). Temperament and Helping Behavior in Preschool Children. Developmental Psychology, Vol. 23, No. 3, pp. 347-353. Steers, R. M. (1977). Antecedents and Outcomes of Organizational Commitment. Administrative Science Quarterly, Vol. 22, No. 1, pp. 46-56. Suslu, F. (2006). Motivation of ESL Teachers. The Internet TESL Journal, Vol. 12, No. 1. Taylor, S. and Todd, P.A. (1995). Understanding information technology usage: A test of competing models. Information system research, Vol. 6, No. 2, pp. 144-176. Taylor, S. and Todd, P. (1995). Assessing IT Usage: The Role of Prior Experience, MIS Quarterly, Vol. 19, No. 4, pp561-571, Taylor, S, and Todd, P, (1995), Decomposition and Crossover Effects in the Theory of Planned Behavior: A Study of Consumer Adoption Intention. International Journal of Research in Marketing, Vol.12, No.1, pp. 137-155. Tsai, M. T. and Cheng, N. C. (2010). Programmer perceptions of knowledge-sharing behavior under social cognitive theory. Expert Systems with Applications, Vol. 37, No. 12, pp. 8479-8485. Tsai, W. (2002). Social Structure of "Coopetition" With in a Multiunit Organization: Coordination, Competition, and Intraorganizational Knowledge Sharing. Organization Science, Vol. 13, No. 2, pp.179-190. Tse, H. M., Dasborough, M. T. and Ashkanasy, N. M. (2008). A multi-level analysis of team climate and interpersonal exchange relationships at work. The Leadership Quarterly, Vol. 19, No. 2, pp. 195 – 211. Tsiros, M. and Mittal, V. (2000). Model of Its Antecedents and Consequences in Consumer Decision Making. Journal of Consumer Research, Vol. 26, No. 4, pp. 401-417. Tracey, J. B., Tannenbaum, S. I. and Kavanagh, M. J. (1995). Applying trained skills on the job: The importance of the work environment. Journal of Applied Psychology, Vol. 80, No. 2, pp. 239 – 252. Tucker, J. S., Sinclair, R. R. and Thomas, J. L. (2005). The Multilevel Effects of Occupational Stressors on Soldiers ' Well-Being, Organizational Attachment, and Readiness. Journal of Occupational Health Psychology. Vol. 10, No. 3, pp. 276 – 299. Venkatesh, V., Morris, M. G., Davis, G. B. and Davis, F. D. (2003). User acceptance of information technology: Toward a unified view. MIS QUART, Vol. 27, No. 3, pp. 425-478. Wagner, H. (2004). Internationalization speed and cost efficiency: evidence from Germany. International Business Review, Vol. 13, No. 4, pp. 447 - 463. Walter, F. and Bruch, H. (2008). The positive group affect spiral: A dynamic model of the emergence of positive affective similarity in work groups. Journal of Organizational Behavior, Vol. 29, No. 1, pp. 239 – 261. Wang, P. and Walumbwa, F. O. (2007). Family-Friendly Programs, Organizational Commitment, and Work Withdrawal: The Moderating Role of Transformational Leadership. Personnel Psychology, Vol. 60, No. 2, pp. 397-427. Ward, C. C. and Tracey, T. J. G. (2004). Relation of shyness with aspects of online relationship involvement. Journal of Social and Personal Relationships, Vol. 21, No. 5, pp. 611 – 623. Wasko, M. M. and Faraj, S. (2005). Why Should I Share? Examining Social Capital and Knowledge Contribution in electronic networks of practice. MIS Quarterly, Vol. 29 No. 1, pp. 35-57. Wech, B. A., Kennedy, K. N., and Deeter-Schmelz, D. R. (2009). A multi-level analysis of customer contact teams. Journal of Services Marketing, Vol. 23, No. 3, pp. 436-448. Welsh, H. P, and LeVan, H. (1981). Inter-relationships between organizational commitment and job characteristics, job satisfaction. professional behavior,

and organizational climate. Human Relations, Vol