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**SUPERIOR-COLLEAGUES RELATIONSHIP, REWARD, WORK-LIFE
BALANCE AND JOB ENGAGEMENT AMONG MALAYSIAN PUBLIC
INSTITUTIONS OF HIGHER LEARNING'S LECTURERS IN KELANTAN**



By
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**Thesis Submitted to
School of Business Management,
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in Partial Fulfillment of the Requirement for the Master of Sciences (Management)**



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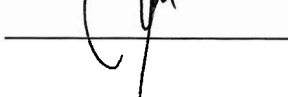
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AMONG MALAYSIAN PUBLIC INSTITUTIONS OF HIGHER LEARNING'S LECTURERS IN KELANTAN**

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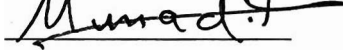
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ABSTRACT

This study aims to examine the superior-colleague relationship, appreciation to work/reward, work-life balance and job engagement among higher education lecturers in Kelantan. Based on the existing literature review conducted, a conceptual framework was developed. A social exchange theory was used to explain the relationship among the constructs considered in this conceptual model. The study used a survey design which was aided by the use of questionnaires. A sample of 302 lecturers of Malaysian public institutions of higher learning in Kelantan was drawn through a simple random sampling. Lecturers at Universiti Malaya, Universiti Malaysia Kelantan, Polytechnic, Matriculation and Universiti Teknologi Mara have been chosen as the unit of analysis for this study. The data collected is tested for its reliability, and then further analyzed using bootstrapping to test hypotheses. The researcher used Statistical Packaged for the Social Science (SPSS) and Partial Least Square (PLS) to test the data. The findings of this study revealed that the superior-colleague relationship has a significant relationship with job engagement. Similarly, reward was found to be significantly related to job engagement. While, work-life balance was not found to be significant to job engagement. Finally, recapitulation of the study, discussion, limitations and suggestions for future research were also highlighted in the study.

Keywords: job engagement, superior-colleague relationship, reward and work-life balance

ABSTRAK

Tujuan kajian ini adalah untuk mengkaji hubungan pihak atasan- rakan sekerja, penghargaan kepada kerja/ganjaran, keseimbangan kerja dan kehidupan dan penglibatan kerja di kalangan pensyarah institut pengajian tinggi awam di Kelantan. Berdasarkan kajian literatur yang sedia ada dijalankan, kerangka konseptual telah dibina. Teori pertukaran sosial telah digunakan untuk menjelaskan hubungan antara konstruk dalam model konseptual ini. Kajian ini menggunakan reka bentuk kajian yang dibantu dengan menggunakan soal selidik. Sampel kajian terdiri daripada 302 pensyarah institusi pengajian tinggi awam di Kelantan telah diambil melalui persampelan rawak mudah. Pensyarah di Universiti Malaya, Universiti Malaysia Kelantan, Politeknik, Matrikulasi dan Universiti Teknologi Mara telah dipilih sebagai unit analisis bagi kajian ini. Data yang dikumpul diuji untuk kebolehpercayaan, dan kemudian dianalisis menggunakan bootstrap bagi menguji hipotesis. Penyelidik menggunakan Statistical Packaged for the Social Science (SPSS) and Partial Least Square (PLS) untuk menguji data. Dapatan kajian ini menunjukkan bahawa hubungan pihak atasan- rakan sekerja mempunyai hubungan yang signifikan dengan penglibatan kerja. Demikian juga, ganjaran didapati berkait rapat dengan penglibatan kerja. Manakala, keseimbangan kerja dan kehidupan didapati tidak signifikan kepada penglibatan kerja. Akhir sekali, rekapitulasi kajian, perbincangan, batasan dan cadangan kajian lanjutan juga dikemukakan dalam kajian ini.

Kata Kunci: penglibatan kerja, hubungan antara pihak atasan -rakan sekerja, ganjaran dan keseimbangan kerja dan kehidupan

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LIST OF ABBREVIATIONS

JE	Job Engagement
SCR	Superior-colleague Relationship
R	Reward
WLB	Work-life Balance
UUM	Universiti Utara Malaysia
UMK	Universiti Malaysia Kelantan
UM	Universiti Malaya
UiTM	University Teknologi Mara
RO	Research Objective
RQ	Research Question
SET	Social Exchange Theory
IV	Independent Variable
DV	Dependent Variable
SPSS	Statistical Package for Social Science
PLS	Partial Least Squares
EFA	Exploratory Factor Analysis
CR	Composite Reliability
AVE	Average Variance Extracted
CA	Cronbach Alpha

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Appendix A	Questionnaire
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Appendix I	Outer Loadings
Appendix J	Path Coefficients
Appendix K	Inner Model T-Statistic
Appendix L	Total Effects (Mean, STDEV, T-Values)

CHAPTER 1

INTRODUCTION

1.1 INTRODUCTION

This chapter discusses the background of the study, which provides a broad discussion on the scope of the study, research problem as well as the objectives of the study. The researcher focus on job engagement among the lecturers of Malaysian public institutions of higher learning in Kelantan.

1.2 BACKGROUND TO THE STUDY

The purpose of this research is attempting to study job engagement among lecturers in Kelantan. This research aims to examine the factor that influences job engagement who are working under the same faculty of Malaysian public institutions of higher learning in Kelantan.

Generally, work engagement is a higher level of latent constructs consisting of multiple dimensions, including energy, loyalty, and excitement in his or her task (Bakker et al, 2008; Schaufeli et al, 2002,2009a, b). Vigor refers “abundant amount of energy and mental resilience while working, the willingness to invest our time and energy in order to complete the task given, and persistence even in the face of difficulties,” while dedication have features by “being strongly engaged in one’s work and experiencing a sense of significance, enthusiasm, inspiration, pride, and challenge,” whereas absorption refers to the “being fully concentrated and happily engrossed in one’s work, whereby time passes quickly and one has difficulties with detaching oneself from work” (Schaufeli et al, 2006, p. 702).

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REFERENCES

- Allen, D.G. and Griffeth, R.W. (1999), "Job performance and turnover: a review and integrative multi-route model", *Human Resource Management Review*, Vol. 9, pp. 525-48.
- Ashmore, R.D. and Del Boca, F.K. (1981), "Conceptual approaches to stereotypes and stereotyping", in Hamilton, D.L. (Ed.), *Cognitive Processes in Stereotyping and Intergroup Behavior*, Erlbaum, Hillsdale, pp. 1-35.
- Appiah-Adu, K. and Singh, S. (1998), "Customer orientation and performance: a study of SMEs", *Management Decision*, Vol. 36 No. 6, pp. 385-394. [\[Link\]](#) [\[Infotrieve\]](#)
- Ashforth, B.E. and Mael, F. (1989), "Social identity theory and the organization", *Academy of Management Review*, Vol. 14 No. 1, pp. 20-39.
- Alarcon, G.M. and Edwards, J.M. (2011), "The relationship of engagement, job satisfaction and turnover intentions", *Stress and Health*, Vol. 27 No. 3, pp. 294-298.
- Altman, Y. and Shortland, S. (2008), "Women and international assignments: taking stock – a 25 year review", *Human Resource Management*, Vol. 47 No. 2, pp. 199-216.
- Baddeley, A.D. (2003), "Working memory: looking back and looking forward", *Nature Reviews Neuroscience*, Vol. 4 No. 10, pp. 829-839.
- Bakker, A.B. and Demerouti, E. (2007), "The job demands-resources model: state of the art", *Journal of Managerial Psychology*, Vol. 22 No. 3, pp. 309-328.
- Britt, T.W., McKibben, E.S., Greene-Shortridge, T.M., Odle-Dusseau, H.N. and Herleman, H.A. (2012), "Self-engagement moderates the mediated relationship between organizational constraints and organizational citizenship behaviors via rated leadership", *Journal of Applied Social Psychology*, Vol. 8 No. 8, pp. 1830-1846.
- Brooks, C. (2013, 11 19). *BusinessNewsDaily*. Retrieved from Appreciation Motivates Employees To Work Harder, Study Says:
http://www.huffingtonpost.com/2013/11/19/appreciationemployeesworkhardermotivation_n_4302593.html
- Browning, V. (2008), "An exploratory study into deviant behaviors in the service encounter: how and why front-line employees engage in deviant behavior", *Journal of Management and Organization*, Vol. 14, pp. 451-471.

- Bakker, A.B. and Demerouti, E. (2007), "The job demands-resources model: state of the art", *Journal of Managerial Psychology*, Vol. 22 No. 3, pp. 309-328. [\[Link\]](#) [\[Infotrieve\]](#)
- Bakker, A.B., Schaufeli, W.B., Leiter, M.P. and Taris, T.W. (2008), "Work engagement: an emerging concept in occupational health psychology", *Work and Stress*, Vol. 22 No. 3, pp. 187-200.
- Bakker, A.B., Albrecht, S.L. and Leiter, M.P. (2011), "Key questions regarding work engagement", *European Journal of Work and Organizational Psychology*, Vol. 20 No. 1, pp. 4-28.
- Bakker, A.B., Demerouti, E. and Schaufeli, W.B. (2005), "Crossover of burnout and work engagement among working couples", *Human Relations*, Vol. 58 No. 5, pp. 661-689.
- Becker, T. (1992), "Foci and bases of commitment: are they distinctions worth making?", *Academy of Management Journal*, Vol. 35, pp. 232-44.
- Boshoff, C. and Mels, G. (2000), "The impact of multiple commitments on intentions to resign: an empirical assessment", *British Journal of Management*, Vol. 11, pp. 255-72
- Bauer, T.N. and Green, S.G. (1996), "Development of leader-member exchange: a longitudinal test", *Academy of Management Journal*, Vol. 39 No. 6, pp. 1538-67.
- Bagger, J., Li, A. and Gutek, B. (2008), "How much do you value your family and does it matter? The joint effects of family identity salience, family interference with work, and gender", *Human Relations*, Vol. 61, pp. 187-211.
- Blau, P. M. 1964. Exchange and power in social life. New York: John Wiley
- Brown, D., Callen, A., & Robinson, & D. (2016). The relationship between total reward and employee engagementT . *NHS Employers*.
- Brown D and Reilly P (2013), 'Reward and Engagement: The New Realities', *Compensation & Benefits Review*, 45(3), pp. 145-157.102
- Barclay, D., Higgins, C. A., & Thompson, R. (1995). The Partial Least Square (PLS) Approach to Causal Modeling: Personal Computer Adoption and Use as an Illustration. *Technology Studies*, 2(2), 285-324.
- Beauregard, T. Alexandra and Henry, Lesley C. (2009) Making the link between work-life balance practices and organizational performance. *Human resource management review*, 19 . pp. 9-22. ISSN 1053-4822

- Bratton and Gold, Human Resource Management Theory and Practice, 4th edition chapter 10, Palgrave Macmillan, 2007
- Browne RH. (1995). On the Use of a Pilot Sample for Sample Size Determination. *Statistics in Medicine*, 14, 1933-1940.
- Carolyn Timms Paula Brough , (2013), "“I like being a teacher” ", *Journal of Educational Administration*, Vol. 51 Iss 6 pp. 768 – 789. Retrieved from <http://dx.doi.org/10.1108/JEA-06-2012-0072>
- CIPD (Chartered Institute of Personnel and Development). (2006). *Annual survey report 2006: How engaged are British employees?* Retrieved from <http://www.cipd.co.uk/NR/rdonlyres/E6871F47558A466E9A744DFB1E71304/0/howengbritempssr.pdf>
- Christian, M.S., Garza, A.S. and Slaughter, J.E. (2011), “Work engagement: a quantitative review and test of its relations with task and contextual performance”, *Personnel Psychology*, Vol. 64 No. 1, pp. 89-136.
- Cartwright, S. and Holmes, N. (2006), “The meaning of work: the challenge of regaining employee engagement and reducing cynicism”, *Human Resource Management Review*, Vol. 16 No. 2, pp. 199-208.
- Crick, A.P. and Spencer, A. (2011), “Hospitality quality: new directions and new challenges”, *International Journal of Contemporary Hospitality Management*, Vol. 23 No. 4, pp. 463-478.
- Clugston, M., Howell, J.P. and Dorfman, P.W. (2000), “Does cultural socialization predict multiple bases and foci of commitment?”, *Journal of Management*, Vol. 26, pp. 5-30.
- Chan, A.W., Tong-Qing, F., Redman, T. and Snape, E. (2006), “Evaluating the multi-dimensional view of employee commitment: a comparative UK-Chinese study”, *The International Journal of Human Resource Management*, Vol. 17, pp. 1873-87.
- Chen, Z. (2001), “Further investigation of the outcomes of loyalty to supervisor: job satisfaction and intention to stay”, *Journal of Managerial Psychology*, Vol. 16, pp. 650-60.
- Chieng, B.S., Jiang, D.Y. and Riley, J.H. (2003), “Organizational commitment, supervisory commitment, and employee outcomes in the Chinese context: proximal hypothesis or global hypothesis?”, *Journal of Organizational Behavior*, Vol. 24, pp. 313-34.

- Chatman, J.A. and Flynn, F.J. (2001), "The influence of demographic heterogeneity on the emergence and consequences of cooperative norms in work teams", *Academy of Management Journal*, Vol. 44 No. 5, pp. 956-974.
- Chapman, G. and White, P. (2011), *The 5 Languages of Appreciation in the Workplace: Empowering Organizations by Encouraging People*, Northfield Press, Chicago, IL.
- Caligiuri, P., Hyland, M., Joshia, A. and Bross, A. (1998), "Testing a theoretical model for examining the relationship between family adjustment and expatriates work adjustment", *Journal of Applied Psychology*, Vol. 83, pp. 598-614.
- Carlson, D., Kacmarb, K., Wayne, J. and Grzywacz, J. (2006), "Measuring the positive side of the work-family interface: development and validation of a work-family enrichment scale", *Journal of Vocational Behavior*, Vol. 68 No. 1, pp. 131-64
- Clark, S. (2000), "Work/family border theory: a new theory of work/family balance", *Human Relations*, Vol. 53 No. 6, pp. 747-70.
- Carlson, D., Kacmar, M. and Williams, L. (2002), "Construction and initial validation of a multidimensional measure of work-family conflict", *Journal of Vocational Behavior*, Vol. 56, pp. 249-76.
- Chen, G., Kirkman, K.L., Kanfer, R., Allen, D. and Rosen, B. (2007), "A multilevel study of leadership, empowerment, and performance in teams", *Journal of Applied Psychology*, Vol. 92, pp. 331-46.
- Cox A (2005), 'The Outcomes of Variable Pay Systems: Tales of multiple costs and unforeseen consequences', *International Journal of Human Resource Management*, 16(8), pp. 357 – 375.
- Chin, W. W. (1993-2003). PLS Graph – Version 3.0. Soft Modeling Inc.
- Chow, W. S. & Chan, L.S. (2008). Social Network, Social Trust and Shared Goals in Organizational Knowledge Sharing. *Information & Management*, 45, 458-465.
- Campbell, D. T., & Fisk, D., W. (1959). Convergent and discrimination validation by the multitrait multimethod matrix. *Psychological Bulletin*, 56, 81-106.
- Compeau, D., Higgins, C.A., & Huff, S. (1999). Social Cognitive Theory and Individual Reactions to Computing Technology: *A Longitudinal Study. MIS Quarterly* 23, 145–158.
- Cropanzano, R., and Mitchell, M. S. (2005). Social exchange theory: An interdisciplinary review. *Journal of Management*, 31(6), 874-900.

- Demerouti, E., Bakker, A.B., De Jonge, J., Janssen, P.P. and Schaufeli, W.B. (2001a), "Burnout and engagement at work as a function of demands and control", *Scandinavian Journal of Work, Environment and Health*, Vol. 27 No. 4, pp. 279-286. [\[CrossRef\]](#), [\[ISI\]](#) [\[Infotrieve\]](#)
- Dutton, J.E., Dukerich, J.M. and Harquail, C.V. (1994), "Organizational images and member identification", *Administrative Science Quarterly*, Vol. 39 No. 2, pp. 239-263.
- Demerouti, E., Bakker, A.B. and Schaufeli, W.B. (2005), "Spillover and crossover of exhaustion and life satisfaction among dual-earner parents", *Journal of Vocational Behavior*, Vol. 67 No. 2, pp. 266-289
- De Simone, S., Lampis, J., Lasio, D., Serri, F., Cicotto, G. and Putzu, D. (2014), "Influences of work-family interface on job and life satisfaction", *Applied Research in Quality of Life*, Vol. 9 No. 4, pp. 831-861.
- Dienesch, R.M. and Liden, R.C. (1986), "Leader-member exchange model of leadership: a critique and further development", *Academy of Management Review*, Vol. 11 No. 3, pp. 618-34.
- DeConinck, J. B. (2010). The effect of organizational justice, perceived organizational support, and perceived supervisor support on marketing employees' level of trust. *Journal of Business Research*, 63(4), 1349-1355.
- Duck, S. (1994). Meaningful relationships: Talking, sense, and relating. Thousand Oaks, CA: Sage Publications.
- Eby, L., Casper, W., Lockwood, A., Bordeaux, C. and Brinleya, A. (2005), "Work and family research in IO/OB: content analysis and review of the literature (1980-2002)", *Journal of Vocational Behavior*, Vol. 66, pp. 124-97.
- Emerson, R. M. 1976. Social exchange theory. *Annual Review of Sociology*, 2: 335-362.
- Eisenberger, R., Huntington, R., Hutchison, S., & Sowa, D. 1986. Perceived organizational support. *Journal of Applied Psychology*, 71: 500-507.
- Eisenberger, R., Fasolo, P., & Davis-LaMastro, V. 1990. Perceived organizational support and employee diligence, commitment, and innovation. *Journal of Applied Psychology*, 75: 51-59.
- Eisenberger, R., Armeli, S., Rexwinkel, B., Lynch, P. D., & Rhoades, L. 2001. Reciprocation of perceived organizational support. *Journal of Applied Psychology*, 86: 42-51.

- Eisenberger, R., Stinglhamber, F., Vandenberghe, C., Sucharski, I. L., & Rhoades, L. 2002. Perceived supervisor support: Contributions to perceived organizational support and employee retention. *Journal of Applied Psychology*, 87: 565-573.
- Elwood N. Chapman. Your Attitude Is Showing, 9th ed. Upper Saddle River, NJ: *Prentice Hall*, Inc. 1996, p. 46.
- Fink, D. (2003), "The law of unintended consequences: the 'real' cost of top-down reform", *Journal of Educational Change*, Vol. 4 No. 2, pp. 105-128.
- Festinger, L. (1954), "A theory of social comparison processes", *Human Relations*, Vol. 7 No. 2, pp. 117-140.
- Forster, N. (2000), "The myth of the 'international manager'", *International Journal of Human Resource Management*, Vol. 11 No. 1, pp. 126-42.
- Frone, M.R. (2003), "Work-family balance", in Quick, J.C. and Tertrick, L.E. (Eds), *Handbook of Occupational Health Psychology*, American Psychological Association, Washington, DC, pp. 143-62.
- Firth, R. 1967. Themes in economic anthropology. London: Tavistock.
- Field, A.P. (2005). Discovering statistics using SPSS (2nd edition). London: Sage
- Freese C and Schalk R (2008), 'How to Measure the Psychological Contract? A Critical Criteria-Based Review of Measures', *South African Journal of Psychology*, 38(2), pp. 269-286.
- Folger R and Konovsky M (1989), 'Effects of Procedural and Distributive Justice on Reactions to Pay Raise Decisions', *The Academy of Management Journal*, March, 32(1), pp. 115-130.
- Fornell, C., & Larcker, D. F. (1981). Evaluating Structural Equation Models with Unobservable Variables and Measurement Error. *Journal of marketing research*, 18(1), 39-50. Retrieved from <http://dx.doi.org/10.2307/3151312>
- Garland, D. R. (2014). Report to the North Carolina General. Public Schools of North Carolina, State Board of Education.
- Gay, L. R., & Diehl, P. L. (1996). Research methods for business and management. Singapore: Prentice Hall.
- Ghauri, P., Granhaug, K., & Kristianslund, I. (1995). Research methods in business studies: A practical guide. Hemel, Hempstead: Prentice Hall

- George Halkos Dimitrios Bousinakis, (2010), "The effect of stress and satisfaction on productivity", *International Journal of Productivity and Performance Management*, Vol. 59 Iss 5 pp. 415 – 431.
- Geurts, S.A., Taris, T.W., Kompier, M.A.J., Dijkers, S.J.E., Van Hooff, M. and Kinnunen, U.(2005), "Work-home interaction from a work-psychological perspective: development and validation of a new questionnaire, the SWING", *Work & Stress*, Vol. 19, pp. 319-339.
- Ghadi M, Fernando M, Caputi P (2010) Transformational Leadership, Workplace Engagement and the Mediating Influence of Meaningful Work: Building a Conceptual Framework. Australian New Zealand Academy of Management Annual Conference. tinyurl.com/works13 (Last accessed: January 30 2013.)
- Greco P, Laschinger H, Wong C (2006) Leader empowering behaviours, staff nurse empowerment and work engagement/burnout. *Canadian Journal of Nursing Leadership*.19, 4, 41-56.
- Gallup (2013), "State of the American workplace: employee engagement insights for US business leaders", available at:
www.gallup.com/strategicconsulting/163007/state-americanworkplace.aspx
- Grandey, A.A. (2000), "Emotional regulation in the workplace: a new way to conceptualize emotional labor", *Journal of Occupational Health Psychology*, Vol. 5, pp. 95-110. [\[CrossRef\]](#)
- Griffeth, R.W., Hom, P.W. and Gaertner, S. (2000), "A meta-analysis of antecedents and correlates of employee turnover: update, moderator tests and research implications for the next millennium", *Journal of Management*, Vol. 26, pp. 463-88.
- Grund, C. and Westergaard-Nielsen, N. (2008), "Age structure of the workforce and firm performance", *International Journal of Manpower*, Vol. 29 No. 5, pp. 410-422.
- Gellert, F.J. and Kuipers, B.S. (2008), "Short and long-term consequences of age in work teams: an empirical exploration of ageing teams", *Career Development International*, Vol. 13 No. 2, pp. 132-149.
- Graen, G.B. and Scandura, T. (1987), "Toward a psychology of dyadic organizing", *Research in Organizational Behavior*, Vol. 9, pp. 175-208.
- Greenhaus, J.H. and Beutell, N.J. (1985), "Sources of conflict between work and family roles", *Academy of Management Review*, Vol. 10, pp. 76-88.

- Guest, D. (2002), "Perspectives on the study of work-life balance", *Social Science Information*, Vol. 41 No. 255, pp. 255-79.
- Grzywacz, J.G. and Marks, N.F. (2000), "Reconceptualizing the work-family interface: an ecological perspective on the correlates of positive and negative spillover between work and family", *Journal of Occupational Health Psychology*, Vol. 5 No. 1, pp. 111-26.
- Gouldner, A. W. 1960. The norm of reciprocity: A preliminary statement. *American Sociological Review*, 25: 161-178.
- Gregory, J.R. (2000), *Psychological Testing: History, Principles, and Applications*, Allyn and Bacon, Toronto.
- Gersick, C. J., Dutton, J. E. and Bartunek, J. M. (2000). Learning from academia: The importance of relationships in professional life. *Academy of Management Journal*, 43 (6), 1026-1044.
- Gonzales, Jose Varella and Garazo, Teresa Garzia. 2006. "Structural Relationship Between Organizational Service Orientation, Contact Employee Job Satisfaction And Citizenship Behaviour", *International Journal Of Service Industry Management*, Vol.17 No.1, pp.23-50
- Hair, J.F., Black, W.C., Babin, B.J., & Anderson, R.E. (2010). *Multivariate Data Analysis* (7th ed.). Upper Saddle River, NJ: Pearson Education.
- Hulley, S. B. (2007). *Designing clinical research*. Baltimore, MD: Lippincott, Williams & Wilkins.
- Hochschild, A.R. (1983), *The Managed Heart: The Commercialization of Feeling*, University of California Press, Berkeley, CA.
- Hakanen, J.J. and Schaufeli, W.B. (2012), "Do burnout and work engagement predict depressive symptoms and life satisfaction? A three-wave seven-year prospective study", *Journal of Affective Disorders*, Vol. 141 Nos 2-3, pp. 415-424.
- Henderson, D.J., Liden, R.C., Glibkowski, B.C. and Chaudhry, A. (2009), "LMX differentiation: a multilevel review of its antecedents and outcomes", *The Leadership Quarterly*, Vol. 20 No. 4, pp. 517-34.
- Huppke, R. (2013), "Chicago's top workplaces: it's not about the gravy," *Chicago Tribune*, 11 November, available at: http://articles.chicagotribune.com/2013-11-12/business/ct-biz-tw-assurance-benefits-20131112_1_gravy-workplaces-benefits (accessed 15 November 2013).

- Harris, H. (2004), "Global careers: work-life issues and the adjustment of women international managers", *Journal of Management Development*, Vol. 23 No. 9, pp. 818-32.
- Hearn, J., Jyrkinen, M., Piekkari, R. and Oinonen, E. (2008), "Women home and away: transnational managerial work and gender relations", *Journal of Business Ethics*, Vol. 83 No. 1, pp. 41-54.
- Hochschild, A. (1997), *The Time Bind: When Work Becomes Home and Home Becomes Work*, Metropolitan Books, New York, NY
- Homans, G. C. 1958. Social behavior as exchange. *American Journal of Sociology*, 63: 597-606.
- Hirst, G., VanDick, R. and VanKnippenberg, D. (2009a), "A social identity perspective on leadership and employee creativity", *Journal of Organizational Behavior*, Vol. 30 No. 7, pp. 963-82.
- Hirst, G., VanKnippenberg, D. and Zhou, J. (2009b), "A cross-level perspective on employee creativity, goal orientation, team learning behavior, and individual creativity", *Academy of Management Journal*, Vol. 52 No. 2, pp. 280-93.
- Hair, J.F.J., Babin, B., Money, A.H. and Samuel, P. (2003). *Essentials of Business Research Methods*. USA: John Wiley and Sons, Leyh Publishing, LLC.
- Hair J.F., Black W.C., Babin B.J., Anderson R.E., and Tatham R.L. (2006). *Multivariate data analysis 6th Edition*. Pearson Prentice Hall. New Jersey.
- Hume, J., and Leonard, A. (2013). Exploring the strategic potential of internal communication in international non-governmental organizations. *Public Relations Review*, 40(2), 294-304.
- Josef, G. and Rene, S. (2012), "Age-related attitudes: the influence on relationships and performance at work", *Journal of Health Organization and Management*, Vol. 26 No. 1, pp. 98-117.
- Juma, E. M. (2014). Contingent Rewards As A Strategy For Influencing Employee Engagement In Manufacturing Companies: Case Study Of Williamson Tea Kenya Limited. *International Journal of Business and Commerce*.
- Kahn, W.A. (1990), "Psychological conditions of personal engagement and disengagement at work", *Academy of Management Journal*, Vol. 33 No. 4, pp. 692-724.

- Karatepe, O.M., Yavas, U. and Babakus, E. (2007), "The effects of customer orientation and job resources on frontline employees' job outcomes", *Services Marketing Quarterly*, Vol. 29 No. 1, pp. 61-79.
- Karasek, R. A. (1985). Job content questionnaire and user's guide. Los Angeles: University of Mass Press.
- Kimmet, P. O. (2011). Forging Effective Relationships with Your Boss and Colleagues. In P. O. Kimmet, The Chief HR Officer (p.138).
- Keller, S.B. and Ozment, J. (1999a), "Exploring dispatcher characteristics and their effect on driver retention", *Transportation Journal*, Vol. 39, pp. 20-34.
- Keller, S.B. and Ozment, J. (1999b), "Managing driver retention: effects of the dispatcher", *Journal of Business Logistics*, Vol. 20, pp. 97-119.
- Kidwell, R.E. Jr (2003), "Helping older workers cope with continuous quality improvement", *Journal of Management Development*, Vol. 22 No. 10, pp. 890-905.
- Kilduff, M., Angelmar, R. and Mehra, A. (2000), "Top management team diversity and firm performance: examining the role of cognitions", *Organization Science*, Vol. 11 No. 1, pp. 21-34.
- Kinnunen, U. and Mauno, S. (2008), "Work-family conflict in individuals' lives: prevalence, antecedents, and outcomes", in Na"swall, K., Hellgren, J. and Sverke, M. (Eds), *The Individual in the Changing Working Life*, Cambridge University Press, Cambridge, pp. 126-46.
- Korabik, K., McElwain, A. and Chappell, D.B. (2008), "Integrating gender-related issues into research on work and family", in Korabik, K., Lero, D.S. and Whitehead, D.L. (Eds), *The Handbook of Work-family Integration: Theories, Research and Best Practices*, Elsevier, San Diego, CA, pp. 215-32.
- Krejcie, R. V, & Morgan, D. W. (1970). Determining Sample Size for Research Activities Robert. *Educational and Psychological Measurement*, 38(1), 607-610. <http://doi.org/10.1177/001316447003000308>
- Lee, T.W. and Mitchell, T.R. (1994), "An alternative approach: the unfolding model of voluntary employee turnover", *Academy of Management Review*, Vol. 19, pp. 51-89.
- Locke, E.A. (1976), *The Nature and Causes of Job Satisfaction*, Rand McNally, Chicago, IL.

- Lehner, B.S., Jung, J., Stieler-Lorenz, B., Nitzsche, A., Driller, E., Wasem, J. and Pfaff, H. (2013), "Psychosocial factors in the information and communication technology sector", *Management Decision*, Vol. 51 No. 9, pp. 1878-1892.
- Liden, R.C., Erdogan, B., Wayne, S.J. and Sparrowe, R.T. (2006), "Leader-member exchange, differentiation, and task interdependence: implications for individual and group performance", *Journal of Organizational Behavior*, Vol. 27, pp. 1-24.
- Liden, R.C. and Graen, G.B. (1980), "Generalizability of the vertical dyad linkage model of leadership", *Academy of Management Journal*, Vol. 23, pp. 451-65.
- Liden, R.C., Wayne, S. and Stilwell, D. (1993), "A longitudinal study on the early development of leader-member exchanges", *Journal of Applied Psychology*, Vol. 78, pp. 662-74.
- Liisa Mäkelä Vesa Suutari Helene Mayerhofer, (2011), "Lives of female expatriates: work-life balance concerns", *Gender in Management: An International Journal*, Vol. 26 Iss 4 pp. 256 – 274
- Lero, D.S. and Lewis, S. (2008), "Assumptions, research gaps and emerging issues: implications for research, policy and practice", in Korabik, K., Lero, D.S. and Whitehead, D.L. (Eds), *The Handbook of Work-Family Integration: Theories, Research & Best Practices*, Elsevier, San Diego, CA, pp. 371-99.
- Lynch, P. D., Eisenberger, R., & Armeli, S. 1999. Perceived organizational support: Inferior versus superior performance by wary employees. *Journal of Applied Psychology*, 84: 467-483.
- Maslach, C., Schaufeli, W.B. and Leiter, M.P. (2001), "Job burnout", *Annual Review of Psychology*, Vol. 52, pp. 397-422.
- Malhotra, K., Dr. Birks, D. (2010) "Marketing Research: An Applied Approach", 6th Edition, Pearson Education.
- M, M. K. (2013, May 09). in SlideShare. Retrieved from LinkedIn Corporation: <http://www.slideshare.net/manukumarkm/source-of-data-in-research>
- Manley K (2008) The way things are done around here: developing a culture of effectiveness. *Australian Critical Care*. 21, 2, 83-85.
- Macey, W.H. and Schneider, B. (2008), "The meaning of employee engagement", *Industrial and Organizational Psychology*, Vol. 1 No. 1, pp. 3-30.
- Macarena, L.-F. and Gonzalo, S.-G. (2010), "Managing the effects of diversity on social capital", *Equality, Diversity and Inclusion: An International Journal*, Vol. 29 No. 5, pp. 491-516.

- Myers, K. and Sadaghiani, K. (2010), "Millennials in the workplace: a communication perspective on Millennial's organizational relationships and performance", *Journal of Business & Psychology*, Vol. 25 No. 2, pp. 225-238. [\[CrossRef\]](#), [\[ISI\]](#) [\[Infotrieve\]](#)
- McGuire, D., By, R.T. and Hutchings, K. (2007), "Towards a model of human resource solutions for achieving intergenerational interaction in organizations", *Journal of European Industrial Training*, Vol. 31 No. 8, pp. 592-608. [\[Link\]](#) [\[Infotrieve\]](#)
- Mercer (2011), "Guide for employers," available at: <http://www.mercer.com/press-releases/1430455> (accessed 15 September 2013).
- Mañkela, L. and Suutari, V. (2011), "Coping with work-family conflicts in the global career context", *Thunderbird International Business Review*, Vol. 53 No. 3, pp. 365-76.
- Malinowski, B. 1922. *Argonauts of the western Pacific: An account of native enterprise and adventure in the archipelagoes of Melanesian New Guinea*. London: Routledge
- Mauss, M. 1925. *The gift: Forms and functions of exchange in archaic societies*. New York: The Norton Library.
- Meyers, L. S., Gamst, G., & Guarino, A. J. (2006). *Applied Multivariate Research*. California: Sage Publications Inc.
- María F. Muñoz-Doyague Mariano Nieto, (2012), "Individual creativity performance and the quality of interpersonal relationships", *Industrial Management & Data Systems*, Vol. 112 Iss 1 pp. 125 - 145
- Masterson, S. S., Lewis, K., Goldman, B. M. and Taylor, M. S. (2000). Integrating Justice and social exchange: The differing effects of fair procedures and treatment on work relationships. *The Academy of Management Journal*, 43 (4), 738-748.
- Moorman, R. H., Blakely, G. L., & Niehoff, B. P. 1998. Does perceived organizational support mediate the relationship between procedural justice and organizational citizenship behavior? *Academy of Management Journal*, 41: 351-357.
- Matheny, K. B., Gfroerer, C. A., & Harris, K. (2000). Work stress, burnout, and coping at the turn of the century: An Adlerian perspective. *Journal of Individual Psychology*, 56(1), 74-87
- Nwamaka A. Anaza Edward L. Nowlin Gavin Jiayun Wu, (2016), "Staying engaged on the job", *European Journal of Marketing*, Vol. 50 Iss 7/8 pp. 1470 - 1492
Permanent link to this document: <http://dx.doi.org/10.1108/EJM-11-2014-0682>

- Newman, D.A., Dana, L.J. and Hulin, C.L. (2010), "Job attitudes and employee engagement: considering the attitude 'A-factor' ", in Albrecht, S. (Ed.), *The Handbook of Employee Engagement: Perspectives, Issues, Research and Practice*, Edward Elgar, Cheltenham, pp. 43-61.
- Nelson, D. and Cooper, C.L. (Eds) (2007), *Positive Organizational Behavior*, Sage, Thousand Oaks, CA.
- Niemisto, C., Gribenberg, B. and Ala-Peteri, C. (2010), "Male and female attitudes towards international assignments", *Proceedings of European academy of Management (EURAM) Conference*, Rome, Italy, May 19-22
- Nunnally, J.C. (1978). *Psychometric theory* (2nd ed.) New York: McGraw-Hill.
- Neil, N. F. (2012). *Risk Assessment and Decision Analysis with Bayesian*. CRC Press.
- Olendorf, D., & Boyden, C. J. (2008). *The Gale Encyclopedia of Medicine: A-B*. Michigan: Gale Research, 1999,142.
- Pearce, C.G. and Herbik, P.A. (2004), "Citizenship behavior at the team level of analysis: the effects of team leadership, team commitment, perceived team support, and team size", *The Journal of Social Psychology*, Vol. 144, pp. 293-310.
- Pelled, L.H., Eisenhardt, K.M. and Xin, K.R. (1999), "Exploring the black box: an analysis of work group diversity, conflict, and performance", *Administrative Science Quarterly*, Vol. 44 No. 1, pp. 1-28.
- Pfeffer, J. (1985), "Organizational demography: implications for management", *California Management Review*, Vol. 28 No. 1, pp. 67-81.
- Paul White , (2014), "Improving staff morale through authentic appreciation", *Development and Learning in Organizations: An International Journal*, Vol. 28 Iss 5 pp. 17 – 20
- Parkes, L.P. and Langford, P.H. (2008) 'Work-life balance or work-life alignment? A test of the importance of work-life balance for employee engagement and intention to stay in organisations', *Journal of Management & Organization*, 14(3), pp. 267–284. doi: 10.1017/S1833367200003278.
- Pirola-Merlo, A. and Mann, L. (2004), "The relationship between individual creativity and team creativity: aggregating across people and time", *Journal of Organizational Behavior*, Vol. 25, pp. 235-57.
- Pfeffer J (1998), *The Human Equation: Building profits by putting people first*, HBS Press, Boston MA.

- Peter, P.J., & Churchill, G.A. (1986). Relationships Among Research Design Choices and Psychometric Properties of Rating Scales: A Meta-Analysis. *Journal of Consumer Research*, 23, 1-10.
- Rousseau, D.M. (1995), *Psychological Contracts in Organizations: Understanding Written and Unwritten Agreements*, Sage, Thousand Oaks, CA.
- Roscoe, J.T. (1975). *Fundamental Research Statistics for the Behavioral Sciences*, 2nd edition. New York: Holt Rinehart & Winston
- Reade, C. (2001), "Antecedents of organizational identification in multinational corporations: fostering psychological attachment to the local subsidiary and the global organisation", *International Journal of Human Resource Management*, Vol. 12 No. 8, pp. 1269-1291.
- Rath, T. and Clifton, D.O. (2004), *How Full is Your Bucket?*, Gallup Press, Washington, DC
- R.T. Hamilton D.A. Harper, (1994), "The Entrepreneur in Theory and Practice", *Journal of Economic Studies*, Vol. 21 Iss 6 pp. 3 – 18
- Rotter, J.B. (1966), "Generalized expectancies for internal vs external control of reinforcement", *Psychological Monographs*, Vol. 80 No. 1, pp. 1-28.
- Rothenberg, S. (2003). Knowledge content and worker participation in environmental management at NUMMI. *Journal of Management Studies*, 40(7), 1783-1802.
- Ryynänen, H., Pekkarinen, O. and Salminen, R. T. (2012). Supplier's internal communication in change process to solution business-challenges and tentative research agenda. *Journal of Business Market Management*, 5 (3), 154-172.
- Rich, B. L., Lepine, J. A., and Crawford, E. R. (2010). Job engagement: Antecedents and effects on job performance. *Academy of Management Journal*, 53(3), 617-635.
- Randall, M. L., Cropanzano, R., Bormann, C. A., & Birjulin, A. 1999. Organizational politics and organizational support as predictors of work attitudes, job. *Journal of Organizational Behavior*, 20: 159.
- Saks, A.M. (2006), "Antecedents and consequences of employee engagement", *Journal of Managerial Psychology*, Vol. 21 No. 7, pp. 600-619.
- Salkind, N.J. (2009). *Exploring Research* (5th ed.). New Jersey: Prentice Hall.

- Seema Arif Maryam Ilyas, (2013), "Quality of work-life model for teachers of private universities in Pakistan", *Quality Assurance in Education*, Vol. 21 Iss 3 pp. 282 – 298. Retrieved from <http://dx.doi.org/10.1108/QAE-Feb-2012-0006>
- Schaufeli, W.B. (2004), "The future of occupational health psychology", *Applied Psychology: An International Review*, Vol. 53 No. 4, pp. 502-517.
- Schaufeli, W.B., Bakker, A.B. and van Rhenen, W. (2009), "How changes in job demands and resources predict burnout, work engagement and sickness absenteeism", *Journal of Organizational Behavior*, Vol. 30 No. 7, pp. 893-917.
- Schaufeli, W.B., Salanova, M., Gonzalez-Roma, V. and Bakker, A.B. (2002), "The measure of engagement and burnout: a two sample confirmatory factor analytic approach", *Journal of Happiness Studies*, Vol. 3, pp. 71-92.
- Siegrist, J. (1996), "Adverse health effects of high-effort low-reward conditions", *Journal of Occupational Health Psychology*, Vol. 1 No. 1, pp. 27-41
- Salanova, M., Agut, S. and Peiró, J.M. (2005), "Linking organizational resources and work engagement to employee performance and customer loyalty: the mediation of service climate", *Journal of Applied Psychology*, Vol. 90 No. 6, pp. 1217-1227. [\[CrossRef\]](#), [\[ISI\]](#) [\[Infotrieve\]](#)
- Schaufeli, W.B., Bakker, A.B. and van Rhenen, W. (2009a), "How changes in job demands and resources predict burnout, work engagement, and sickness absenteeism", *Journal of Organizational Behavior*, Vol. 30 No. 7, pp. 893-917.
- Schaufeli, W.B., Bakker, A.B., Van der Heijden, F.M.M.A. and Prins, J.T. (2009b), "Workaholism among medical residents: it is the combination of working excessively and working compulsively that counts", *International Journal of Stress Management*, Vol. 16 No. 4, pp. 249-272
- Schaufeli, W.B., Bakker, A.B. and Salanova, M. (2006), "The measurement of work engagement with a short questionnaire: a cross-national study", *Psychological Measurement*, Vol. 66 No. 4, pp. 701-716.
- Stalcup, L.D. and Pearson, T.A. (2001), "A model of the causes of management turnover in hotels", *Journal of Hospitality & Tourism Research*, Vol. 25 No. 1, pp. 17-30.
- Sonnentag, S. (2011), "Research on work engagement is well and alive", *European Journal of Work and Organizational Psychology*, Vol. 20 No. 1, pp. 29-38.
- Schaufeli, W.B. and Bakker, A.B. (2001), "Werk en welbevinden: naar een positieve benadering in de Arbeids- en Gezondheidspsychologie (Work and well-being: towards a positive occupational health psychology)", *Gedrag and Organisatie*, Vol. 14 No. 1, pp. 229-253

- Stinglhamber, F. and Vandenberghe, C. (2003), "Organizations and supervisors as sources of support and targets of commitment: a longitudinal study", *Journal of Organizational Behavior*, Vol. 24, pp. 251-70.
- Society for Human Resource Management (2012), "SHRM winter 2012 report," available at: <http://gogloboforce.com/rs/globoforce/images/SHRMWinter2012Report.PDF> (accessed 1 September 2013).
- Shaffer, M. and Harrison, D. (2001), "Forgotten partners of international assignments: development and test of a model of spousal adjustment", *Journal of Applied Psychology*, Vol. 86, pp. 238-54.
- Sturges, J. and Guest, D. (2004), "Working to live or living to work? Work/life balance early in career", *Human Resource Management Journal*, Vol. 14 No. 4, pp. 5-20.
- Sahlins, M. 1972. Stone age economics. New York: Aldine.
- Scott, S.G. and Bruce, R.A. (1994), "Determinants of innovative behaviour: a path model of individual innovation in the work place", *Academy of Management Journal*, Vol. 37, pp. 580-607.
- Shalley, C.E. and Perry-Smith, J.E. (2008), "The emergence of team creative cognition: the role of diverse outside ties, sociocognitive network centrality, and team evolution", *Strategic Entrepreneurship Journal*, Vol. 2, pp. 23-41.
- Shin, S. and Zhou, J. (2007), "When is educational specialization heterogeneity related to creativity in research and development teams? Transformational leadership as a moderator", *Journal of Applied Psychology*, Vol. 92, pp. 1709-21.
- Shalley, C.E., Zhou, J. and Oldham, G.R. (2004), "The effects of personal and contextual characteristics on creativity: where should we go from here?", *Journal of Management*, Vol. 30, pp. 933-58.
- Sanchez, G. (2013). PLS Path Modeling with R. Retrieved from http://gastonsanchez.com/PLS_Path_Modeling_with_R.pdf
- Sluss, D. M., Klimchak, M. and Holmes, J. J. (2008). Perceived organizational support as a mediator between relational exchange and organizational identification. *Journal of Vocational Behavior*, 73(3), 457-464.
- Settoon, R. P., Bennett, N., & Liden, R. C. 1996. Social exchange in organizations: Perceived organizational support, leader-member exchange, and employee reciprocity. *Journal of Applied Psychology*, 81: 219-227.

- Susskind, A. M., Kacmar, K. M., & Borchgrevink, C. P. (2003). Customer Service Providers' Attitudes Relating to Customer Service and Customer Satisfaction in the Customer– Server Exchange. *Journal of Applied Psychology*, 88(1).
- Tuckman, B.W. (1999). Conducting Educational Research. Rowman & Littlefield Publishers.
- Tyler, T.R. and Blader, S.L. (2001), "Identity and cooperative behavior in groups", *Group Processes Intergroup Relations*, Vol. 4 No. 3, pp. 207-226
- Taylor, S.L. and Cosenza, R.M. (1998), "Truck driver turnover: an internal marketing perspective", *Journal of Transportation Management*, Vol. 10, pp. 20-32.
- Tharenou, P. (2008), "Disruptive decisions to leave home: gender and family differences in expatriation choices", *Organizational Behavior and Human Decision Processes*, Vol. 105 No. 2, pp. 183-200.
- Thibault, J. W., & Kelley, H. H. 1959. The social psychology of groups. New York: John Wiley
- Thompson P (2002), Total Reward, Chartered Institute of Personnel and Development (CIPD).
- Torre T and Sarti D (2013), Total Rewards Systems: Towards an operational model, Paper presented at the Fourth European Rewards Management Conference: What can we learn from a comparative approach? December 2nd -3rd, Brussels.
- Uma, S., & Rogers, B. (2009). Research Methods for Business: A Skill Building Approach. 5th ed, Wiley.
- Tenenhaus, M., Amato, S., & Esposito Vinzi, V. (2004). A Global Goodness-of-Fit Index for PLS Structural Equation Modeling. In: Proceedings of the XLII SIS Scientific Meeting. CLEUP, Padova, pp. 739-742.
- Uma Sekaran, 2003, Research Method For Business, a skill building approach, fourth edition by Wiley India.
- Vandenberghe, C., Stinglhamber, F. and Bentein, K. (2004), "Affective commitment to the organization, supervisor, and work group: antecedents and outcomes", *Journal of Vocational Behaviour*, Vol. 64, pp. 47-71.
- Varshney, S., & Jain, D. A. (2016, March 03). A Study Of Effect Of Work Related Variables On Work Life Balance Of Women Employees. *International Journal Of Science Technology and Management*, Vol.No.5, 29.

- Wefald, A. and Downey, R.G. (2009), "Construct dimensionality of engagement and its relation with satisfaction", *The Journal of Psychology*, Vol. 143 No. 1, pp. 91-112.
- WorkLife balance.com. (2013). Retrieved from The Leader in Dual Purpose Learning: <http://www.worklifebalance.com/work-life-balance-defined.html>
- Winsted, K.F. (2000), "Service behaviors that lead to satisfied customers", *European Journal of Marketing*, Vol. 34 Nos 3/4, pp. 399-417.
- Wells, A.L. (2009), "Unraveling the endogeneity problem with the relationship between job and life satisfaction", paper presented at the American Sociological Association Annual Meeting, San Francisco, CA.
- Wilcock, A. (2001), "Occupational science: the key to broadening horizons", *British Journal of Occupational Therapy*, Vol. 64 No. 8, pp. 412-417.
- Woodman, R.W., Sawyer, J.E. and Griffin, R.W. (1993), "Toward a theory of organizational creativity", *Academy of Management Review*, Vol. 18, pp. 293-321.
- Wetzels, M., Odekerken-Schröder, G., & Van Oppen, C. (2009). Using PLS path modeling for assessing hierarchical construct models: Guidelines and empirical illustration. *MIS Quarterly*, 33(1), 177-195.
- Wayne, S. J., Shore, L. M., & Liden, R. C. 1997. Perceived organizational support and leader-member exchange: A social exchange perspective. *Academy of Management Journal*, 40: 82-111.
- Xanthopoulou, D. Bakker, A. B., Demerouti, E., & Schaufeli, W. B. (2007). The role of personal resources in the job demands-resources model *International Journal of Stress Management* 14, 121-141.
- Yamada D (2008) Workplace bullying and ethical leadership. *Journal of Values-Based Leadership*. 1, 2, 49-62.
- Zikmund, W.G. (2003). *Business Research Methods* (6th Ed.) Mason, OH: Thompson South Western.
- Zablah, A.R., Franke, G.R., Brown, T.J. and Bartholomew, D.E. (2012), "How and when does customer orientation influence frontline employee job outcomes? A meta-analytic evaluation", *Journal of Marketing*, Vol. 76 No. 3, pp. 21-40.
- Zingheim P and Schuster J (2012), 'Compensation and Human Resource Practices During Crisis: Which Solutions Add Value', *WorldatWork Journal*, First Quarter, 21(1), pp. 11-27