AUTONOMY, WORKLOAD, WORK-LIFE BALANCE, AND JOB PERFORMANCE AMONG TEACHERS



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ABSTRACT

The purpose of this research is to examine the relationship between autonomy, workload and work-life balance on job performance among secondary school teachers in Alor Setar, Kedah. A total of 302 teachers are participated in the study. Regression analyses were used to test the hypotheses. Based on the explanatory factor analysis result, the independent variables for autonomy are control over methods, control at work and control over timing, workload and Work Personal Life Enhancement (WPLE) and Work Interference with Personal Life (WIPL) for worklife balance while dependent variables are sportsmanship, task performance, courtesy, altruism and conscientiousness. The results showed that control over methods of autonomy was found to have a positive relationship with task performance, altruism and conscientiousness of job performance. Control at work reportedly has significant relationship with courtesy but negatively with sportsmanship of job performance while control over timing had significant but negative relation with sportsmanship, courtesy and conscientiousness. Moreover, it was found that workload also has a positive relationship with task performance and courtesy. Further, for work-life balance dimension, Work Interference with personal life (WIPL) found out to have significant but negative relationship with sportsmanship of job performance while Work Personal Life Enhancement (WPLE) have significant relationship with three out of five job performance dimension which is courtesy, altruism and conscientiousness. Limitations of the study, suggestions for future research, theoretical and practical implication were also highlighted.

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ABSTRAK

Tujuan kajian ini adalah untuk mengkaji hubungan antara autonomi, beban kerja dan keseimbangan kerja dan kehidupan dengan prestasi kerja di kalangan guru-guru sekolah menengah di Alor Setar, Kedah. Seramai 302 guru telah mengambil bahagian dalam kajian ini. Analisis regresi digunakan untuk menguji hipotesis. Berdasarkan keputusan penerangan analisis faktor, pembolehubah bebas untuk autonomi adalah kawalan ke atas kaedah, kawalan di tempat kerja dan kawalan ke atas masa, beban kerja dan Kerja Peningkatan Kehidupan Peribadi (WPLE) dan Gangguan Kerja dengan Kehidupan Peribadi (WIPL) untuk kerja dan kehidupan manakala pembolehubah bersandar ialah kerja sepasukan, prestasi tugas, ihsan, pemurah dan sifat berhati-hati. Hasil kajian menunjukkan bahawa kawalan ke atas kaedah autonomi didapati mempunyai hubungan yang positif dengan prestasi kerja, pemurah dan sifat berhati-hati prestasi kerja. Kawalan di tempat kerja dilaporkan mempunyai hubungan yang signifikan dengan budi bahasa tetapi negatif dengan kerja sepasukan prestasi kerja manakala kawalan ke atas masa mempunyai hubungan yang signifikan tetapi negatif dengan kerja sepasukan, budi bahasa dan sifat berhatihati. Selain itu, didapati bahawa beban kerja juga mempunyai hubungan yang positif dengan prestasi tugas dan ihsan. Selanjutnya, untuk dimensi kerja dan kehidupan, Gangguan Kerja dengan kehidupan peribadi (WIPL) didapati mempunyai hubungan vang signifikan tetapi negatif dengan kerja sepasukan prestasi kerja manakala Kerja Peningkatan Kehidupan Peribadi (WPLE) mempunyai hubungan yang signifikan dengan tiga daripada lima dimensi prestasi pekerjaan iaitu adalah ihsan, pemurah dan sifat berhati-hati. Batasan kajian, cadangan kajian, teori dan implikasi praktikal juga telah diketengahkan.

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LIST OF ABBREVIATION

- MOHE Ministry of High Education
- MOE Ministry of Education
- SBA School-based Assessment
- UNESCO United Nations Educational, Scientific, and Cultural Organisation
- OECD Organisation for Economic Co-operation and Development
- TIMSS Trends in International Mathematics and Science Study
- PISA Programme for International Student Assessment
- KPI Key Performance Indicator
- PTA Parents-Teachers Association
- WIPL Work Interference with Personal Life

WPLE Work Personal Life Enhancement





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CHAPTER 1

INTRODUCTION

1.0 Introduction

This chapter presents the background of study, the problem statement, research questions, and research objectives, significance of the study and also the operational definition of key terms used in this study.

1.1 Background of the study

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In Malaysia, Education has gone through extensive changes throughout the years. Changes or "reform" may only be carried out with one vision in mind, and that's to improve teaching and learning procedures existing in schools and higher education institutions. This action shows the endless efforts of the government in an effort to improve the quality of education for its citizens. After a decade into the new millennium, education is more pressed to undertake even more improvement in order to meet the demands and expectations of education in the 21st century. As Malaysians, we cannot be satisfied with what we have but we have to always compare ourselves with countries that are more developed especially what happens in the field of education. This is to ensure Malaysian future generation will be competitive internationally in this borderless world.

The contents of the thesis is for internal user only

REFERENCES

- Abendroth, A.K. & Dulk, L. (2011). Support for the Work-life Balance in Europe: The Impact of State, Workplace and Family Support on Work-life Balance Satisfaction. *Journal Work, Employment and Society*, Vol. 25 No. 2, pp. 234-256.
- Abott, S. (2014), Teacher Autonomy Definition The Glossary of Education Retrieved from http://edglossary.org/teacher-autonomy/
- Adam, B. (2002), "Primary School Teacher's Workload of Malay Language Stream in Sibu Division, Sarawak". Master's Thesis, University Putra Malaysia, Serdang.
- Azita, A. R. (2012). Secondary School Teachers' Workload in Batu Pahat, Johor Darul Takzim. Master's Thesis, Universiti Teknologi Malaysia, Skudai Johor.
- Azizi, Y., Jamaludin, R., & Mazeni, I. (2010). Factors That Contributed Stress Among Secondary School Teachers In Four States In Malaysia. Asia Pacific Journal of Educators and Education, Vol. 25, pp. 103–136.
- Bacharach, S. B., Bauer, S. C., & Conley, S. (1986). Organizational Analysis of Stress: The Case of Elementary and Secondary Schools. Work and Occupations. Vol. 13, pp. 7-32.

Bandura, A. (1997). Self-efficacy: The Exercise of Control. W.H. Freemand and company.

Beehr, T. A., & Newman, J. E. (1978). Job Stress, Employee Health, and Organizational Effectiveness: A Facet Analysis, Model, and Literature Review. *Journal of Personnel Psychology*, Vol. 31 No. 4, pp. 665-699.

- Bell, A. S., Rajendran, D. & Theiler, S. (2012). Job Stress, Wellbeing, Work-Life Balance and Work- Life Conflict among Australian Academics. *Electronic Journal of Applied Psychology*, Vol. 8 No. 1, pp. 25-37.
- Berry, G. (1998). A quality system model for the management of quality in NSW schools. Managing Service Quality, 8, 97-111.
- Bloom, N., & Van Reenen, J. (2006). Management Practices, Work- life Balance, and Productivity: A Review of Some Recent Evidence. Oxford Review of Economic Policy, Vol. 22 No. 4, pp. 457–482
- Borman, W. C. & Motowidlo, S. J. (1993). Expanding the Criterion Domain to Include Elements of Contextual Performance in Personnel Selection in Organizations. (N. Schmitt & W. C. Borman, eds), pp. 71-98. San Francisco: Jossey-Bass.
- Borman, W. C. & Motowidlo, S. J. (1997). Task Performance and Contextual Performance: The Meaning for Personnel Selection Research. *Journal of Human Performance*, Vol. 10 No. 2, pp. 99-109.
- Breaugh, J. A. (1985). The Measurement of Work Autonomy. *Journal of Human Relations*, Vol. 38 No. 6, pp. 551–70.
- Bridges, S., & Searle, A. (2011). Changing Workloads of Primary School Teachers: "I seem to live on the edge of chaos". *School Leadership & Management*, Vol. 31 No. 5, pp. 413–433.
- Bourne, M & Bourne, P. (2002). Balanced scorecard in a week. London: Hodder & Stoughton.

- Brown, G. T. L. (2001). School-Based Assessment Methods: Development and Implementation. *Journal of Assessment Paradigm*, Vol. 1 No. 1, pp. 30-32
- Byrne, U. (2005). Work-life Balance: Why are We Talking about It at All. *Business* Information Review, Vol. 22, pp. 53-59.
- Chandrasekar, K. (2011). Workplace Environment and its Impact on Organisational Performance in Public Sector Organisations. *International Journal of Enterprise Computing and Business Systems*, Vol. 1 No. 1, pp. 1-19.
- Chirkov, V. I, Ryan, R. M. & Sheldon, K. (2010). Human Autonomy in Cross Cultural Context: Perspectives on the Psychology of Agency, Freedom and Well Being, Springer Science & Business Media.
- Clark, S. C. (2000). Work/family Border Theory: A New Theory of Work/family Balance. Human Relations, Vol. 53 No. 6, pp. 747-770.

Cooper, S. (2013). Leader. Pearson Education Limited

- Corder, J. (1997). Reinventing Work Design Theory and Practice. Australian Psychology, Vol. 32, pp. 185–89
- Daipuria, P. & Kakar, D. (2013). Work-life Balance for Working Parents: Perspectives and Strategies. *Journal of Strategic Human Resource Management*, Vol. 2 No. 1, pp. 45-52.
- Dallner, A. E., Gambrele, F., Hottinen, V., Knardahl, S., Linstrom, K., Skogstad, A., & Orhede, E. (2000). Validation of the General Nordic Questionnaire for Psychosocial and Social Factors at Work. Copenhagen, Denmark: Nordic Council of Ministers.

- Davis, J., & Wilson, S. M. (2000). Principles' Efforts to Empower Teachers: Effects on Teacher Motivation and Job Satisfaction and Stress. *The Clearing House*, Vol. 73 No. 6, pp. 349-357.
- Diab, N. Y., Monnier, N. & Lavinal, F. (2011), Pilot Study on University English Teachers' Professional Autonomy in France. *International Journal of Organizational Analysis*, Vol. 22 No. 2, 2014
- Dibbon, D (2004). Teacher Workload: It's about Time. Faculty of Education, Memorial University of Newfoundland, PhD Thesis, pp.1-42
- Duxbury L (2003). Work-life Conflict in Canada in the New Millennium: A Status Report. Sydney Papers, Vol. 15 No. 1, pp. 78.
- Easthope, C. & Easthope, G. (2000). Intensification, Extension and Complexity of Teachers' Workload. *British Journal of Sociology of Education*, Vol. 21 No. 1, pp. 43-58.
- Elsass, P. M. & Veiga, J. F. (1997). Job Control and Job Strain: A Test of Three Models. Journal of Occupational Health Psychology, Vol. 2 No. 3, pp. 195-211
- Fisher-McCauley, G., Stanton, J., Jolton, J., & Gavin, J. (2003). Modelling the Relationship between Work Life Balance and Organisational Outcomes. Paper Presented at the Annual Conference of the Society for Industrial- Organisational Psychology, Orlando.
- Gavriliuk, O. (2010). Development of Professional Autonomy in University Teachers.
 Proceedings of Advances in Business-related Scientific Research Conference, 8-10
 November, Olbia, Italy

- Goyal, M. & Arora, S. (2012). Harnessing Work: Family Life Balance Among Teachers in Educational Institutions. *International Journal of Applied Services Marketing Perspectives*, Vol. 1, No.2, pp. 170-176
- Griffin (2005) in Inayatullah, A. & Jehangir, P. (2013). Teacher's Job Performance: The Role of Motivation. Abasyn Journal of Social Sciences Vol. 5 No. 2, pp. 78-99.
- Hackman, J. R., & Oldham, G. R. (1975). Motivation through the Design of Work: Test of a Theory. *Organizational Behaviour and Human Performance*, Vol. 16, pp. 250–279.

Hackman, J. R., & Oldham, G. R. (1980). Work Redesign. Reading, MA: Addison-Wesley.

Harold, E. Y. (1984). Faculty Workload: Research, Theory and Interpretation.

- Harrington, B. & Ladge, J. (2009). Present Dynamics and Future Directions for Organizations. Organizational Dynamics, Vol. 38 No. 2, pp. 148-157.
- Hassam, I., Tahir, M. Q. & Muhammad Aslam, K. (2011). The Retrenchment Effect on Job Performance with Mediating Effect of Work Life Balance. African Journal of Business Management, Vol. 5 No. 21, pp. 8642-8648
- Hayman, J. (2005). Psychometric Assessment of an Instrument Designed to Measure Work Life Balance. *Research and Practice in Human Resource Management*, Vol. 13 No. 1, pp. 85-91.
- Hill, E. J., Hawkins, A.J., Ferris, M., & Weitzman, M. (2001). Finding an Extra Day a Week: The Positive Influence of Perceived Job Flexibility on Work and Family Life Balance. *Family Relations*, Vol. 50 No. 1, pp. 49-58.
- Hochschild, A. R. (1997). *The Time Bind: When Work Becomes Home and Home Becomes Work*. New York: Henry Holt and Company.

- Jackson, P. R., Wall, T. D., Martin, R., & Davids, K. (1993). New Measures of Job Control, Cognitive Demand and Production Responsibility. *Journal of Applied Psychology*, Vol. 78, pp. 753-762.
- Jamal, M. (2007). Type-A Behaviour in a Multinational Organization: A Study of Two Countries. *Stress and Health*, Vol. 23, pp. 101-109.
- Karasek, R. A. (1979). Job Demands, Job Decision Latitude and Mental Strain: Implications for Job Redesign. *Administrative Science Quarterly*, Vol. 24, pp. 285-310.

Kementerian Pelajaran Malaysia. (2007). Teachers' Duties and Responsibilities Study.

- Lamb, T. & Reinders, H. (2008). Learner and Teacher Autonomy: Concepts, Realities and Response. John Benjamins Publishing Company, Amsterdam.
- Langfred, C. W. & Moye, N. A. (2004). Effects of Task Autonomy on Performance: An Extended Model Considering Motivational, Informational, and Structural Mechanisms. *Journal of Applied Psychology*, Vol. 89, No. 6, pp. 934-945
- Magnini, V. P. (2009). Understanding and Reducing Work-family Conflict in the Hospitality Industry. *Journal of Human Resources in Hospitality & Tourism*, Vol. 8 No. 2, pp. 119-136.
- Maxwell, G.S. & Cumming, J.J. (2011). Managing Without Public Examinations: Successful And Sustained Curriculum And Assessment Reform In Queensland In Yates, L. Collins, C & O'Connor, K. (Eds.), Australia's Curriculum Dilemmas. Australia: Melbourne University Press
- Ministry of Education Malaysia (2012), Preliminary Report: Malaysia Education Blue Print 2013-2025, September 2012,

http://hornbillunleashed.files.wordpress.com/2012/09/preliminary-blueprintenglish.pdf.

- Mohd Saudi, A. R. (1998). Secondary School Teachers' Workload", Master's Thesis, Universiti Utara Malaysia, Sintok Kedah.
- Morris, M. L. & Madsen, S. R. (2007). Advancing Work-life Integration in Individuals, Organizations, and Communities. Advances in Developing Human Resources, Vol. 9, pp. 439-454.
- Muhammad Shukri, S. (1998). Primary School Teachers' Workload. Master's Thesis, Universiti Utara Malaysia, Sintok Kedah
- Nachreiner, F. (1995). Standards for Ergonomics Principles Relating to the Design of Work Systems and to Mental Workload. *Applied Ergonomics Journal*, Vol. 26 No. 4, pp. 259-263.
- Nippert-Eng, C. (1998). Disturbing Concepts: The Myths, Realities, and Research Implications of Telecommuting. Paper presented at the annual meeting of the Academy of Management Conference, San Diego, CA
- Obilade, S. O. (1999). Leadership Qualities and Styles As They Relate to Instructional Productivity. The Manager Ibadan: Department of Educational Management, University of Ibadan, pp. 25-32.
- Organ D. W. & Ryan, K. (1995). A Meta-analytic Review of Attitudinal and Dispositional Predictors of Organizational Citizenship Behaviour. *Personnel Psychology*, Vol. 48 No. 4, pp. 775-803.

- Oron-Gilad, T., Szalma, J., Stafford, S., & Hancock, P. (2008). The Workload and Performance Relationship in the Real World: A Study of Police Officers in a Field Shooting Exercise. *International Journal of Occupational Safety and Ergonomics*, Vol. 14 No. 2, pp. 119-131
- 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 Organizations. *Journal of Management & Organization*, Vol. 14 No. 3, pp. 267-284.
- Pearson, L. C. & Hall, B. C., (1993). Initial Construct Validation of the Teaching Autonomy Scale. *Journal of Educational Research*, Vol. 86 No. 3, pp. 172-178.
- Pearson, L. C. & Moomaw, W. (2006). The Relationship between Teacher Autonomy and Stress, Work Satisfaction, Empowerment, and Professionalism. *Educational Research Quarterly*, Vol. 29 No. 1, pp. 38-54.

Peretemode, V. F. (1996). Education Administrations Applied Concepts and Theoretical

Perspective. Lagos, Joja. Edu. Res., pp. 36-50.

- Podsakoff, P. M., KacKenzie, S. B., Paine, J. B., Bachrach, D. G. (2000). Organizational Citizenship Behaviors: A Critical rReview of the Theoretical and Empirical Literature and Suggestions for Future Research. *Journal of Management*, Vol. 26 No. 3, pp. 513-563.
- Pounder, D. G. (1999). Teacher Teams: Exploring Job Characteristics and Work-Related
 Outcomes of Work Group Enhancement. *Educational Administration Quaterly*. Vol. 35 No 3, pp. 317-348

- Preliminary Report Malaysia Education Blueprint 2013-2025 (2012) Retrieved from http://www.moe.gov.my/userfiles/file/PPP/Preliminary-Blueprint-Eng.pdf
- Punia, V. & Kamboj, M. (2013). Quality of Work-life Balance among Teachers in Higher Education Institutions. *Learning Community*, Vol. 4 No. 3, pp. 197-208.
- Rego, A. and Pina e Cunha, M. (2009). Do the Opportunities for Learning and Personal Development Lead to Happiness? It Depends on Work-family Conciliation. *Journal* of Occupational Health Psychology, Vol. 14 No. 3, pp. 334-348.
- Saikia, J. N. (2011). A study of the Work Life Balance among the Academics of Higher Education Institutions: A Case Study of Golaghat District.
- Saragih, S. (2011). The Effects of Job Autonomy on Work Outcomes: Self Efficacy as an Intervening Variable. *International Research Journal of Business Studies*, Vol. 6 No. 3, pp. 203-215.
- Schuuman, J. (2011). Job Characteristics, Health and Satisfaction Can Satisfaction with Social Life Overcome Negative Job Traits?. Master of Science in Health Economics, Network for Studies on Pension, Aging and Retirement, pp. 1-88.
- Sekaran, U. (2000). Research Methods for Business: A Skill Building Approach. 3rd Edition, New Delhi:John Wiley and Sons, Inc.
- Sekaran, U. (2003). Research Methods for Business: A Skill Building Approach. 4th Edition, New Delhi: John Wiley and Sons, Inc.
- Sharifah, S., Suhaida, A. K. & Soaib, A. (2014). Workload of Technical Secondary School Teachers: Management & Administration Perceptions. *Malaysian Online Journal of Education Management*, Vol. 2 No. 4, pp. 21-35.

- Shipp, A. J. & Fried, Y. (2014). *Time and Work, Volume 1: How Time Impacts Individuals*. Psychology Press, 18 February 2014.
- Smith, C. A., Organ, D. W. & Near, J. P. (1983). Organizational Citizenship Behaviour: Its Nature and Antecedents. *Journal of Applied Psychology*, Vol. 68, pp. 653-663.
- Spector, P. E. (1986). Perceived Control by Employees: A Meta-Analysis of Studies Concerning Autonomy & Participation at Work. *Human Relation Journal*, Vol. 39, pp. 1005-1016.
- Spector, P. E., & Jex, S. M. (1998). Development of Four Self-report Measures of Job Stressors and Strain: Interpersonal Conflict at Work Scale, Organizational Constraints Scale, Quantitative Workload Inventory and Physical Symptoms Inventory. *Journal of Occupational Health Psychology*, Vol. 3, pp. 356-367.
- The Important of Education in Malaysia Education Essay Retrieved from http://www.ukessays.com/essays/education/the-importance-of-education-inmalaysia-education-essay.php
- Wall, T. T., Jackson, P. R., & Mullarkey, S. (1995). Further Evidence on Some New Measures of Job Control, Cognitive Demand and Production Responsibility. *Journal* of Organizational Behaviour, Vol. 15, pp. 431-455.
- Wang, G. & Netemeyer, R. (2002). The Effects of Job Autonomy, Customer Demandingness, and Trait Competitiveness on Salesperson Learning, Self efficacy and Performance. *Journal of The Academy of Marketing Science*. Vol. 30, No.3, pp. 217-228.
- Werner, J. M. (2000). Implications of OCB and Contextual Performance for Human Resource Management. *Human Resource Management Review*, Vol. 10 No. 1, pp. 245-261.

- White, M., Hill, S., McGovern, P., Mills, C., & Smeaton, D. (2003). High Performance Management Practices, Working Hours and Work-life Balance. *British Journal of Industrial Relations*, Vol. 41, pp. 175–195.
- Williams, L. J. & Anderson, S. E. (1991). Job Satisfaction and Organizational Commitment as Predictors of Organizational Citizenship Behaviour and In-role Behaviours. *Journal* of Management, Vol. 17 No. 1, pp. 601-617.
- Yeh, Y. Y., & Wickens, C. (1988). Dissociation of Performance and Subjective Measures of Workload. Human Factors. *Journal of the Human Factors and Ergonomics Society*, Vol. 30 No. 1, pp. 111-120.
- Zerubavel, E. (1996). Lumping and Splitting: Notes on Social Classification. Sociological Forum, Vol. 11 No. 3, pp. 421-423.

