

THE RELATIONSHIP BETWEEN PERSONALITY TRAITS, STRESS, JOB  
SATISFACTION AND BURNOUT AMONG SECONDARY SCHOOL  
TEACHERS IN PERLIS

A thesis submitted to the Graduate School in partial fulfilment of the  
requirements for the degree Master of Science (Educational Management),

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by

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## ABSTRAK

Kajian ini bertujuan untuk meninjau “burnout” di kalangan guru-guru sekolah menengah di negeri Perlis dan faktor-faktor berkaitan dengan kewujudannya. Fokus utama kajian ialah mengesahkan kewujudan “burnout” berpunca dari faktor-faktor dalaman “burnout”: 1) Kelesuan Emosi, 2) Depersonalisasi dan 3) Pencapaian Diri. “Burnout” telah diukur dengan menggunakan *Maslach Burnout Inventory (MBI)*, manakala Trait Personaliti telah diukur dengan menggunakan *Personality Traits Instrument* oleh *Rosenman et. al. (1964)*. Stres pula diukur dengan menggunakan *Stress Assessment Test, University of Maryland*. Kepuasan Kerja telah diukur dengan menggunakan *Job Descriptive Index (JDI)* oleh *Smith, Kendall & Hulin (1969)* dan *Peranan Kerja* telah diukur dengan menggunakan *Role Questionnaire* oleh *Kahn, Wolfe, Quinn, Snoek & Rosenthal (1964)*. Sebanyak 184 guru sekolah menengah berketurunan Melayu dari empat buah sekolah menengah di Perlis menjadi subjek kajian. Empat faktor berkaitan dengan “burnout” ialah 1) Trait Personaliti, 2) Stres, 3) Kepuasan Kerja dan 4) Peranan Kerja.

Dapatan kajian menunjukkan seramai 29 orang guru (15.8%) mengalami “burnout” pada tahap sederhana. Dapatan ke atas faktor yang berkaitan dengan Trait Personaliti-Jenis B, Stres dan Peranan Kerja menunjukkan perkaitan yang positif dan signifikan dengan “burnout”. Manakala, Kepuasan Kerja dan Trait Personaliti-Jenis A menunjukkan perkaitan yang negatif dengan “burnout”. Implikasi daripada kajian ini mencadangkan bahawa pentadbir sekolah perlu melakukan sesuatu untuk menangani “burnout” di kalangan guru mereka.

## ABSTRACT

This study aims to examine the phenomenon of burnout among secondary school teachers in Perlis and factors related to its existence. The major focus of this research is to confirm the existence of burnout through burnout internal factors: 1) Emotional Exhaustion 2) Depersonalization and 3) Personal Accomplishment. Burnout was measured by using the Maslach Burnout Inventory (MBI), whereas Personality Traits were measured by using the Personality Traits Instrument modified by Rosenman et al. Stress was measured by using the adapted version of Stress Assessment Test, University of Maryland. Job Satisfaction was measured by using the Job Descriptive Index (JDI) and Work-Roles were measured by using the Role Questionnaire developed by Kahn, Wolfe, Snoek & Rosenthal. Altogether, 184 Malay teachers from four secondary schools in Perlis became the subjects in the study. Four factors were correlated with burnout. They are: 1) Personality Traits, 2) Stress, 3) Job Satisfaction and 4) Work-Roles.

The results of the study showed 29 teachers or (15.8%) were experiencing burnout at a moderate level. Findings on the related factors of Personality Trait-*Type B*, Stress and Work-Roles showed positive and significant relationship to burnout. Meanwhile, Job Satisfaction and Personality Trait-*Type A* showed negative relationships to burnout. The implication of this study has some bearing as what can be done by school administrators to overcome burnout among their teachers.

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## **CHAPTER ONE**

### **INTRODUCTION**

#### **1.0 Background of the Study**

The great promise of teaching, the reward of personal satisfaction and sense of accomplishment, is increasingly being unfulfilled. The joy of helping others grows and watching them mature is dampened, even destroyed, by the growing tensions and unrealistic demands on the profession and teachers.

Teachers are finding themselves under increasing pressure. There are greater demands, more complex responsibilities and an expanding knowledge base, which is continuously being upgraded. The rapid societal changes have also led to new and varied expectations of professionals, often accompanied by a sense of role ambiguity. The net effect of this situation is decreased personal and professional satisfaction.

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## REFERENCES

- Anderson, M.B. and Iwanicki, E.F. (1984). Teacher motivation and its relationship to burnout: Educational Administration Quarterly, 20 (2), 94-132.
- Beer, J. & Beer, J. (1992). Burnout and stress, depression and self-esteem of teachers. Psychological Reports, 71, 1331-1336.
- Bloch, A.M. (1978). 'Combat neurosis in inner city schools'. American Journal of Psychiatry, 135, 189-192.
- Calabrese, R. L. (1987). The Principal: An agent for reducing teacher stress. NAASP Bulletin, pp. 6-70.
- Cedoline, Anthony J. (1982). Job burnout in Public Education. New York. Teachers College Press.
- Cherniss, C. (1980a). Professional burnout in human service organizations. New York. Praeger.
- Dedrick, C.V.L. and Rashchke, D.B. (1990). The special educator and job stress. USA. National Education Association.
- Dunham, J. (1992). Stress in Teaching. 2<sup>nd</sup>. ed. New York. Routledge, Chapman and Hall.
- Farber, Barry A. (1984a). Stress and burnout in suburban teacher: Journal of Educational Research, 77, pp. 325-31.
- Farber, Barry A. (1991). Crisis in education: stress and burnout in the American Teacher. Oxford. Jossey-Bass Publishers.
- Freudenberger, H. J. (1973). Staff burnout: Journal of Social Issues, 1, pp. 159-64.
- Freudenberger, H. J. (1980). The staff burnout syndrome in alternative institutions. Psychotherapy: Theory, Research, and Practice, 12, pp. 73-82
- Freudenberger, H. J. with Richelson, G. (1980). Burnout. New York. Bantam Books.
- Friedman, M. (1992). Pathogenesis of coronary artery disease. New York. McGraw Hill



- Gaziel, Haim H. (1993). Coping with occupational stress among teachers: A cross-cultural study. Journal of Comparative Education, 29 (1), 67-79.
- Gecchman, A., & Wiener, Y. (1975). Job involvement and satisfaction as related to mental health and personal time devoted to work. Journal of Applied Psychology, 60, pp. 521-523.
- Glass, D.C. (1977). Behaviour patterns, stress, and coronary disease. Hillsdale, N.J. Erlbaum.
- Gold, Yvonne & Roth, Robert A. (1993). Teachers managing stress and preventing burnout: the professional Health Solution.
- Gold, Y. (1985). The relationship of six personal and life history variables to standing on three dimensions of the Maslach Burnout Inventory in a sample of elementary and junior high school teachers. Educational and Psychological Measurement, 44, pp. 1009-1016.
- Golembiewski, R.T., and Munzenrider, R. (1984). Active and Passive reactions to Psychological Burnout? Toward Greater Specificity in a Phase Model: Journal of Health and Human Resources Administration, 7, pp. 264-289.
- Golembiewski, R.T., and Munzenrider, R., and Carter, D. (1983). Phases of progressive burnout and their work site covariants: Critical issue in OD Research and Praxis: Journal of Applied Behavioural Science, 4, pp. 461-481.
- Hodgson, A. (1985). The civil service road to satisfaction. Personnel Management, 17, 54-57.
- Ivancevich, J. M., & Matterson, M. T. (1987). Organization behaviour and management. Plano, Texas. Business Publications.
- Iwanicki, E. and Schwab, R. (1981). A cross validation study of the Maslach Burnout Inventory. Educational and Psychological Measurement, 41, pp. 1167-74.
- Jackson, S. E., & Schuler, R. S. (1985). A meta-analysis and conceptual critique of research on role ambiguity and role-conflict in work settings. Organizational Behaviour and Human Decision Process, 36, 16-78.
- Jackson, S.E., Schwab, R.L. and Schuler, R.S. (1986). Toward an understanding of the burnout phenomenon: Journal of Applied Psychology, 71 (4), pp. 630-40.

- Kahn, R., Wolfe, D., Quinn, R., Snoek, J. and Rosenthal, R. (1964). Organizational stress: Studies in role conflict and role ambiguity. New York: John and Wiley and Sons, Inc.
- Kyriacou, C. and Sutcliffe, J. (1978a). A model of teacher stress. Education Studies, 4, 1-6.
- Gillet, P. (1979). Preventing discipline-related teacher stress and burnout. Teaching Exceptional Children, 62-65.
- Kyriacou, C. and Sutcliffe, J. (1978b). Teacher stress: Prevalence, sources and symptoms. British Journal of Educational Psychology, 48, 159-167.
- Kyriacou, C. (1989). The nature and prevalence of teacher stress. Teaching and stress. Philadelphia Open University Press, pp. 27-34.
- Leach, D.J. (1984). A model of teacher stress and its implications for management. Journal of educational Administrations, 22, pp. 157-172.
- Leong Sow Chew. (1995). Perceived organizational stressors and burnout among teachers of selected secondary schools in Kinta District, Perak. M.Ed. Thesis. Universiti Utara Malaysia, Kedah.
- Maslach, C. (1977). Burnout: A Social Psychological Analysis. Paper presented at the annual convention of the American Psychological Association, San Francisco.
- Maslach, C. (1976). Burned out. Human Behaviour, 5, pp. 16-22.
- Maslach, C. and Jackson, S. (1981). The measurement of experienced burnout. Journal of Occupational Behaviour, 2, pp. 1-15.
- Maslach, C. and Jackson, S. (1986). The Maslach Burnout Inventory. Palo Alto, Calif. Consulting Psychologists Press.
- Maslach, C. and Pines, A. (1973). The Burnout syndrome in the day care setting. Child Care Quarterly, 6(2), pp. 110-113.
- McGuire, W.H. (1979) Teacher Burnout. Today's Education. 4, pp.5.
- Mitchell, T. R., & Larson, J. R. (1987). People in organizations. An introduction to organizational behaviour. New York: McGraw-Hill.
- Mohrman, A., Cooke, R., & Mohrman, S. (1978). Participation in decision-making: A multidimensional perspective. Education Administration Quarterly, 14, pp. 13- 29.

- New York State United Teachers Research and education Services NYSUT. (1979). NYSUT Teacher stress survey. Albany, NY. New York State United Teachers Research and Education Services.
- Otto, R. (1986). Teachers under stress: Health hazards in a work-role and modes of responses. Melbourne: Hill of Content.
- Pesol Md. Saad. (1995). Hubungan antara perilaku kerja, stress dan kepuasan kerja guru-guru sekolah menengah di Daerah Kuala Muda, Yan. M.Ed. Thesis. Universiti Utara Malaysia, Kedah.
- Pines, A. (1982). Helpers motivation and the burnout syndrome. Orlando, Fla. Academic Press.
- Reed, S. (1979). Whay you can do to prevent teacher burnout. The National Elementary School principal, 59 (3), pp. 67-70.
- Robbins, Stephen P. (1998). Organizational Behaviour. New Jersey. Prentice-Hall.
- Rosenman, R.H., Friedman, M., Straus, R., Jenkin, C.D., Zyanski, S.J., & Wurm, M. (1970). Coronary heart disease in the western collaborative group study: A follow-up experience of 4 ½ years. Journal of Chronic Diseases, 23, 173-190.
- Samples, B. (1976). Sanity in the classroom. Science Teacher, 43, October, pp. 24-27.
- Sarason, S. B. (1982). The culture of the school and the problem of change. Boston. Allyn & Bacon.
- Savicki, V., and Cooley, E. (1983). Theoretical and Research Considerations of Burnout. Children and youth Services Review, 5, pp. 227-283
- Scarpello, V., & Campbell, J. P. (1983). Job satisfaction and the fit between individual needs and organizational rewards. Journal of occupational psychology, 56, 315-328.
- Schlansker, B. (1987). A principal guide to teacher stress. Principal, 66 (5), pp. 32-34.
- Sekaran, Uma. (2000). Research methods for business: A skill building approach. New York. Wiley and Sons, Inc.
- Sommers, D. (1980). Burnout Inc. pp.57-58

- Sparks, D. (1979). A biased look at teacher job satisfaction. The Clearing House, 52, 447-449.
- Spaniol, L. and Caputo, J. (1979). Professional burnout: A personal survival kit. Lexington, Mass: Human Services Association.
- Sutton, R.I. (1984). Job stress among primary and secondary school teachers. Work and Occupations, 11(1), pp. 7-28.
- Swick, K.J. (1989). Stress and teaching. Washington, D.C: National Education Association.
- Swick, K.J. and Hanley, P.E. (1980). Stress and the classroom teacher. Washington D.C. National Education Association.
- Wanous, J.P. (1980). Organizational entry, recruitment, selection, and socialization of newcomers. Reading, MA: Addison-Wesley Publishing Co.