## REFERENCES

- AACN (2008). *Nursing shortage*. Retrieved on May, 6, 2008, from http://www.aacn.nche.edu/Media/FactSheets/ NursingShortage.htm
- Aaronson, L.S., Teel, C.S., Cassmeyer, V., Neuberger, G.B., Pallikkathayil, L., Pierce, J., Press, A.N., Williams, P.D., & Wingate, A. (1999). Defining and measuring fatigue. *Image-the Journal of Nursing Scholarship*, 31(1), 45-50.
- Ahsberg, E., Gamberale, F., & Kjellberg, A. (1997). Perceived quality of fatigue during different occupational tasks: Development of a questionnaire.

  \*International Journal of Industrial Ergonomics, 20, 121–135.
- Aistars, J. (1987). Fatigue in the cancer patient: A conceptual approach to a clinical problem. *Oncology Nursing Forum*, *14*, 25-30.
- Akerstedt, T., Knutsson, A., Westerholm, P., Theorell, T., Alfredsson, L., & Kecklund, G. (2004). Mental fatigue, work and sleep. *Journal of Psychosomatic Research*, 57, 427–433.
- Akerstedt, T., Knutsson, A., Westerholm, P., Theorell, T., Alfredsson, L., & Kecklund, G. (2002). Sleep disturbances, work stress and work hours: A cross-sectional study. *Journal of Psychosomatic Research*, 53, 741–748.
- Akerstedt, T., Fredlund, P., Gillberg, M., & Jansson, B. (2002). Work load and work hours in relation to disturbed sleep and fatigue in a large representative sample. *Journal of Psychosomatic Research*, 53, 585–588.
- Andrea, H., Bültmann, U., Beurskens, A.J.H.M., Swaen, G.M., van Schayck, C.P., & Kant, I.J. (2004). Anxiety and depression in working population using the HAD scale, psychometric, prevalence and relationships with psychosocial work characteristics. *Social Psychiatry and Psychiatric Epidemiology*, *39*, 637-646.

- Andrea, H., Kant, I.J., Beurskens, A.J.H.M., Metsemakers, J.F., & van Schayck, C.P. (2003). Associations between fatigue attributions and fatigue, health, and psychosocial work characteristics: a study among employees visiting a physician in relation with fatigue. *Occupational and Environmental Medicine*, 60, i99–i104.
- Baker, D.B. (1985). The study of stress at work. *Annual Review of Public Health*, 6, 367-381.
- Bartlett, F. (1953). Psychological criteria of fatigue. In W.Floyed & A. Welford (Eds.), Symposium on fatigue (pp.1-5). London: H.K. Lewis.
- Bartley, S., & Chute, E. (1953). Fatigue and impairment in men. New York: McGraw Hill.
- Barton, J., Spelten, E., Totterdell, P., Smith, L., Folkard, S., & Costa, G. (1995). The Standard Shiftwork Index: A battery of questionnaires for assessing shiftwork-related problem. *Work and Stress*, 9(1), 4-30.
- Beck, A.T., Epstein, N., Brown, G., & Steer, R.A. (1988). An inventory for measuring anxiety: Psychometric properties. *Journal of Counseling Clinical Psychology*, 56, 893-897.
- Beck, A.T., Steer, R.A., & Garbin, M.G. (1988). Psychometric properties of the Beck

  Depression Inventory: Twenty-five years later. *Clinical Psychology Review*,

  8, 77-100.
- Beck, A.T., Ward, C. H., Mendelson, M., Mock, J., & Erbaugh, J. (1961). An inventory for measuring depression. Archives of General Psychiatry, 4, 561-571.

- Belza, B.L. (1995). Comparison of self-reported fatigue in rheumatoid arthritis patients and control. *Journal of Rheumatology*, 22, 639-643.
- Bentler, P.M. (1995). *EQS: Structural equation program manual*. Encino, CA: Multivariate Software, Inc.
- Beurskens, AJ., Bültmann, U., Kant, I., Vercoulen, J.H., Bleijenberg, G., & Swaen, G.M. (2000). Fatigue among working people: Validity of a questionnaire measure. *Occupational and Environmental Medicine*, 57(5), 353-357.
- Bourbonnais, R., Comeau, M., & Vezina, M. (1999). Job strain and evolution of mental health among nurses. *Journal of Occupational Health Psychology*, 4(2), 95-107.
- Brown, P. (1988). Punching the body clock. *Nursing Times*, 84(44), 26-28.
- Bültmann, U., de Vries, M., Beurskens A.J., Bleijenberg, G., Vercoulen, J.H., & Kant, I. (2000). Measurement of prolonged fatigue in the working population:

  Determination of a cutoff point for the Checklist Individual Strength.

  Journal of Occupational Health Psychology, 5, 411-416.
- Bültmann U., Kant, I.J., Kasl, S.V., Beurskens, A.J.H.M., & Piet, P.A., (2002).

  Fatigue and psychological distress in the working population psychometrics, prevalence, and correlates. *Journal Psychosomatic Research*, 52, 445–452.
- Bültmann, U., Kant, I.J., Schroer, C.A., & Kasl, S.V. (2002). The relationship between psychosocial work characteristics and fatigue and psychological distress. *International Achieves Occupational and Environmental Health*, 75(4), 259-266.

- Bültmann, U, Kant, I.J, Van den Brandt, P.A., & Kasl, S.V. (2002). Psychosocial work characteristics as risk factors for the onset of fatigue and psychological distress: Prospective results from the Maastricht cohort study. *Psychological Medicine*, 32, 333-345.
- Buysse, D.J., Reynolds, C.F., Monk, T.H., Berman, S.R., & Kupfer, D.J. (1989). The Pittsburg Sleep Quality Index: A new instrument for psychiatric practice and research. *Psychiatry Research*, 28, 193-213.
- Bystrom, P., Hanse, J.J., & Kjellberg, A. (2004). Appraised psychological workload, musculoskeletal symptoms, and the mediating of fatigue: A structural equation modeling. *Scandinavian Journal of Psychology*, 45(4), 331-341.
- Cameron, C. (1973). A theory of fatigue. Ergonomics, 16, 633-648.
- Cao, B.Y., Liu, Z.X., Liao, C.Q., Tang, M.Q., & Li, C.Q. (2005). Analysis of sleep quality, anxiety, and depression in medical school students in minority settlements. *Chinese Journal of Behavioral Medical Science*, 14(2), 133-134.
- Cao, Y. (1999). Turnover in Chinese nurses. *Journal of Chinese Nursing*, 34, 565-566.
- Cao, Y., & Yu, Y.Q. (2000a). Analysis of factors related to nurses job satisfaction.

  Chinese Journal of Hospital Administration, 10(7), 437-439.
- Cao, Y., & Yu, Y.Q. (2000b). Investigation of job satisfaction among Chinese nurses. *Journal of Chinese Nursing*, 35(8), 499-500.
- Carpenter, J.S., & Andrykowski, M.A. (1998). Psychometric evaluation of the Pittsburgh Sleep Quality Index. *Journal of Psychosomatic Research*, 45, 5-13.

- Che, H.H., Lu, M.L., Chen, H.C., Chang S.W., & Lee, Y.Z. (2006). Validation of the Chinese version of the Beck Anxiety Inventory. *Taiwan Medicine*, 10(4), 474-454.
- Chen, J.L., Zhang, Y.P., Han, S.F., & Chu, Y.P. (2002). Investigation on depression mood of clinical nurses. *Chinese Nursing Research*, 16(3), 138-139.
- Cheng, Y.J. (1998). *Holistic care and nursing practice*. Cheng Du: Sichuan Science & Technology Publication.
- Cheng, Y.J., Fang, J.B., Jin, H. (2008). Investigation and analysis of nursing work situation among 26 hospitals in Sichuan Province. *Chinese Nursing Management*, 8(2), 19-22.
- Cheng, Y., Luh, W.M., & Guo, Y.L. (2003). Reliability and validity of the Chinese version of the job content questionnaire in Taiwanese workers. *International Journal of Behavioral Medicine*, 10(1), 15-30.
- Cheng, Y.J., Song, J.P., Xiang, D.Q., & Fang, J.B. (2007). Study and analysis of the working condition of reinforced nursing night shift. *Chinese Journal of Nursing Administration*, 7(5), 35-37.
- Chou, C.P., & Bentler, P.M. (1995). Estimates and tests on structural equation modeling. In R.H. Hoyle (Ed.), *Structural equation modeling: Concepts*, *issues, and applications* (pp. 37-55). Thousand Oaks, CA: Sage Publication.
- Cohen, J., & Cohen, P. (1983). *Applied multiple regression/correlation analysis for* the behavioral science (2<sup>nd</sup>.). Hillsdale, NJ: Lawrence Erlbaum Associates.
- Cohen, S., & Wills, T.A. (1985). Stress, social support and the buffering hypothesis.

  \*Psychological Bulletin, 98, 310-357.

- Costa, G. (1997). The problem: Shiftwork. *Chronobiology International*, 14, 89-98.
- Creamer, M., Foran, J., & Bell, R. (1995). The Beck Anxiety Inventory in a non-clinical samples. *Behavioral Research Therapy*, 33(4), 477-485.
- Dalopakarn, P. (2002). Factors related to fatigue in breast cancer patients receiving chemotherapy. Unpublished Master's Thesis, Chulalongkorn University, Bangkok, Thailand.
- de Croon, E.M., Blonk, R.W.B., de Zwart, B.C., Frings-Dresen, M.H., & Broersen, J.P.J. (2002). Job stress, fatigue, and job dissatisfaction in Dutch lorry drivers: Towards an occupation specific model of job demand and control.

  \*\*Occupational and Environmental Medicine, 59, 356-361.
- de Fatima, M., Messing, K., Menezes, P.R., & Cho, H.J. (2002). Chronic fatigue among bank workers in Brazil. *Occupational Medicine*, 52(4), 187-194.
- de Jonge, J., Bosma, H., Peter, R., & Siegrist, J. (2000). Job strain, effort-reward imbalance and employee well-being: A large-scale cross-sectional study. *Social Science and Medicine*, 50, 1317-1327.
- de Vries, J., Michielsen, H.J., & van Heck, G.L. (2003). Assessment of fatigue among working people: A comparison of six questionnaires. *Occupational and Environmental Medicine*, 60 (supplement 1), i10–i15.
- de Vries, J., & Van Heck, G.L. (1997). The World Health Organization Quality of Life Assessment Instrument (WHOQOL-1000): Validation study with the Dutch version. *European Journal of Psychological Assessment*, 13,164–178.

- Dimeo, F.C., Stieglitz, R.D., Novelli-Fischer, U., Fetscher, S., & Keul, J. (1999). Effects of physical activity on the fatigue and psychological status of cancer patients during chemotherapy. *Cancer*, 85(10), 2273-2277.
- Ding, C.M. (2002). Investigation on sleep situation among nurses. *Health Psychology Journal*, 10(1), 67-68.
- Dittner, A.J., Wessely, S.C., & Brown, R.G. (2004). The assessment of fatigue: A practical guide for clinicians and researchers. *Journal of Psychosomatic Research*, 56, 157–170.
- Eriksen, W. (2006). Work factors as predictors of persistent fatigue. A prospective study of nurses' aides. *Occupational and Environmental Medicine*, 63(6), 428-434.
- Eriksen, W., Tambs, K., & Knardahl, S. (2006). Work factors and psychological distress in nurses' aides: a prospective cohort study. *BMC Public Health*, 28(6), 290-300.
- Escriba, V., Perez-Hoyos, S., & Bolumar, F. (1992). Shiftwork: Its impact on the length and quality of sleep among nurses of the Valencian region in Spain.

  International Archives of Occupational Environmental Health, 64, 125-129.
- Eum, KD., Li, J., Jhun, H.J., Park, J.T., Tak, S.W., Karasek, R., & Cho, S.I. (2006).

  Psychometric properties of the Korean version of the Job content questionnaire: Data from health care workers. *Internal Archives of Occupational and Environmental Health*, 80(6), 497-504.
- Eysenck, M.W., Derakshan, N., Santos, R., & Calvo, M.G. (2007). Anxiety and cognitive performance: Attentional control theory. *Emotion*, 7, 2, 336-353.

- Fang, J.B. (2007). A qualitative investigation of fatigue among hospital nurses.

  Chinese Journal of Nursing Research, 21(4), 933-937.
- Faragher, E.B., Cass, M., & Cooper, C.L. (2005). The relationship between job satisfaction and health: A meta-analysis. *Occupational and Environmental Medicine*, 62(2), 105-112.
- Feng, B.J., Zhang, M.L., Jiang, Z.J., Li, Q.J., Shui, S.J., & Wang, X.J. (1998). Study on work stress and mental health status of nurses. *Chinese Journal of Nursing*, 33(8), 435-438.
- Feng, Z.Y. (2002). Possible factors associated with fatigue among nurses in operational room. Chinese *Journal of International medicine*, 9(77), 72-73.
- Fitzpatrick, J.M., While, A.E., & Roberts, J.D. (1999). Shift work and its impact upon nurse performance: Current knowledge and research issue. *Journal of Advanced Nursing*, 29(1), 18-27.
- Fletcher, A., & Dawson, D. (1997). A model to predict work-related fatigue based on hours of work. *Aviation, Space, and Environmental Medicine*, 13(5), 471-485.
- Flinkman, M., Laine, M., Leino-Kilpi, H., Hasselhorn, H.M., & Salantera, S. (2007).

  Explaining young registered Finnish nurses' intention to leave the profession:

  A questionnaire survey. *International Journal of Nursing Research*, 3, 1-7.
- Fydrich, T., Dowdall, D., & Chambless, D. (1992). Relability and validity of the Beck Anxiety Inventory. *Journal of Anxiety Disorder*, 6, 55-61.
- Gaba, D.M., & Howard, S.K. (2002). Fatigue among clinician and the safety of patients. *The New England Journal of Medicine*, 347(16), 1249-1255.

- Gall, H. (1996). The basis of cancer fatigue: where does it come from? *European Journal of Cancer Care*, 5(Suppl. 2), 31-34.
- Gillmore, V.L. (1990). Workplace variables and experienced occupational hazards as predictors of health of specialty nurses. Unpublished doctor's dissertation, University of Maryland, Baltimore, USA.
- Glaus, A. (1993). Assessment of fatigue in cancer and noncancer patients and in healthy individuals. *Supportive Care in Cancer*, 1, 305-315.
- Gong, YX. (1996). A sampling survey of nursing labor power of hospitals. *Chinese Hospital Management*, 16(8), 42-44.
- Grandjean, E. (1968). Fatigue: its physiological and psychological significance.

  Ergonomics, 11, 427-436.
- Groth-Marnat, M. (1999). *Handbook of psychology assessment (3<sup>rd</sup> edition)*. New York: John Wiley & Sons.
- Hair, J.F., Anderson, R.E., Tatham, R.L., & Black, W.C. (1998). *Multivariate data analysis* (5<sup>th</sup> ed.). New Jersy: Prentice-Hall.
- Hardy, G. E., Shapiro D.A., & Borrill C.S., (1997). Fatigue in the workforce of national health service trusts: Levels of symptomatology and links with minor psychiatric disorder, demographic, occupational and work role actors.

  \*\*Journal of Psychosomatic Research, 43(1), 83-92.
- Hamaideh, S.H., Mrayyan, M.T., Mudallal, R., Faouri, I.G. & Khasawneh, N.A. (2008). Jordanian nurses' job stressors and social support. *International Nursing Review*, 55(1), 40-47.

- Hanprasitkam, K. (2006). *Model for predicting fatigue among Thai women received adjuvant breast cancer chemotherapy*. Unpublished doctor's thesis in nursing, Faculty of nursing, Chiang Mai University, Chiang Mai, Thailand.
- He, M.Z., & Yang, P. (2005). Causative analysis on going away of nurses and its countermeasures. *Chinese Nursing Research*, 19(4), 737-738.
- Hong, Y., & Yang, B.P. (2004). Failure to promotion and sub-healthy status among Chinese nurses. *Chinese Medical and Clinical Investigation*, 2(8), 65-66.
- Hou, J.T., Weng, Z.L., & Cheng, Z.J. (2004). Structural Equation Modeling and Application. Bei Jing: Education & Science Press.
- Huang, H. (1997). Investigation on occupational hazardous exposure in hospital nurses. *Chinese Journal of Nursing*, 32(7), 411-413.
- Huibers, M.J., Beurskens A.J., Prins J.B., Kant, J.I., Bazelmans, E., van Schayck, C.P., Knottnerus, J.A., & Bleijenberg, G. (2003). Fatigue, burnout, and chronic fatigue syndrome among employees on sick leave: Do attributions make the difference? *Occupational and Environmental Medicine*, 60, 26–31.
- Irvine, D., Vincent, L., Graydon, J., Bubela, N., & Thompson, L. (1994). The prevalence and correlates of fatigue in patients receiving treatment with chemotherapy and radiotherapy. *Cancer Nursing*, 17(5), 367-368.
- Jacobsen, B.S. (1997). Univariate descriptive statistics. In B.H. Munro (Ed.), *Statistics methods for health care research* (pp.30-52). Philadelphia: Lippincott.
- Janssen, N., & Nijhuis, F.J.N. (2004). Associations between positive changes in perceived work characteristics and changes in fatigue. *Journal of Occupational and Environmental Medicine*, 46, 866-875.

- Kaneko, S.Y., Maeda, T., Sasaki, A., Sato, A., Tanaka, K., Kobayashi, T., Tanaka, M, & Fukushima, T. (2004). Effect of shift work on mental state of factory workers. Fukushima Journal of Medicine Science, 50(1), 1-9.
- Kant, I.J, Bültmann, U., Schroer, K.A.P., Beurskens, A.J.H.M., van Amelsvoort, L.G.,
  & Swaen G.M.H. (2003). An epidemiological approach to study fatigue in
  the working population: The Maastricht Cohort Study. *Occupational Environmental Medicine*, 60, i32–i39.
- Karasek, R. (1979). Job demand, Job decision latitude, and mental strain: Implications or job redesign. *Administrative Science Quarterly*, 24, 285-308.
- Karasek, R. (1985). *Job content questionnaire and uses' guide*. Department of industrial and systems engineering, University of Southern California, Los Angeles, Calif.
- Karasek, R., Brisson, C., Kawakami, N., Houtman, I., & Bongers, P. (1998). The Job Content Questionnair (JCQ): An instrument for internationally comparative assessments of psychological job characteristics. *Journal of Occupational Health Psychology*, 3(4), 322-355.
- Karasek, R., & Theorell, T. (1990). Healthy Work: Stress, Productivity and the Reconstruction of Working Life. Basic Books, New York.
- Kjellberg, A., Muhr, P., & Skoldstrom, B. (1998). Fatigue after work in noise: An epidemiological survey study and three quasi-experimental field studies.

  Noise and Health, 1(1), 47-55.
- Knauth, P. (1996). Designing better shift systems. Applied Ergonomics, 27(1), 39-44.

- Kooker, B.M. (1987). Four Million female hospital workers face reproductive health hazards. *Occupational Health and Safety*, 56(4), 61-64.
- Kristal-Bonch, E., Froom, P., Harari, G., & Ribak, J. (1996). Fatigue among Israeli industrial employees. *Journal of Occupational and Environmental Medicine*, *38*, 1145-1150.
- Krupp, L.B., LaRocca, N.G., Muir-Nash, J., & Steinberg, A.D. (1989). The Fatigue Severity Scale: Application to patients with multiple sclerosis and systemic lupus erythematosus. *Archives of Neurology*, 46(10), 1121–1130.
- Kunert, K., King, M.L., & Kolkhorst, F.W. (2007). Fatigue and sleep quality in nurses. *Journal of Psychosocial Nursing*, 45(8), 30-37.
- Landeweerd, J.A., & Boumans, N.P.G. (1988). Nurses' work satisfaction and feelings of health and stress in three psychiatric departments. *International Journal of Nursing Studies*, 25(3), 225-234.
- Landsbergis, P.A., Schnall, P.L., Deitz, D., Frieman, R., & Pickering, T. (1992). The patterning of psychological attributes and distress by job strain and social support in a sample of working men. *Journal of Behavior Medicine*, *15*(4), 379-405.
- Laschinger, H.K.S., Finegan, J., Shamian, J., & Almost, J. (2001). Testing Karasek's demands-control model in restructured healthcare settings: Effects of job strains on staff nurses' quality of work life. *JONA*, *31*(5), 233-243.
- Lewis G, & Wessely S. (1992). The epidemiology of fatigue: more questions than answers. *Journal of epidemiology Community Health*, 46, 92-97.
- Li, C.L. (2002). Influencing factors of fatigue among nurses in emergency room and its countermeasure. *Chinese Nursing Research*, *16*(6), 358-359.

- Libbus, K., Baker, J.L., Osgood, J.M., Phillips, T.C., & Valentine, D.M. (1995).

  Persistent fatigue in well women. *Women and Health*, 23(1), 57-72.
- Li, J., Yang, W.J., Chen, Y.W., Siegrist, J., & Cho, S.I.I. (2005). Effort –reward imbalance at work and job dissatisfaction in Chinese healthcare workers: A validation study. *International Achieves of Occupational and Environmental Health*, 78, 198-204.
- Li, J., Yang, W., Liu, P., Xu, Z.F., & Cho, S.I.I. (2004). Psychometric evaluation of the Chinese (mainland) version of Job content questionnaire: A study in university hospital. *Industrial Health*, 42(2), 260-267.
- Li, R.Q., & Zhang, J.Q. (2002). Analysis and countermeasure of fatigue among psychiatric nurses. *Modern Nursing*, 8(1), 54-55.
- Li, W.J. (2006). Improve the humane resource management to ensure the quality of nursing care. Retrieved on December 17, 2007, from <a href="http://www.nursing.net.cn/20060314/ca600931.htm">http://www.nursing.net.cn/20060314/ca600931.htm</a>.
- Li, X.W., Hou, Y.F., & Zhang, L.R. (2004). Investigation and analysis on depression in young nurses. *Journal of Nursing Science*, 19(9), 54-55.
- Li, Y.H. (2003). Investigation on nurse's behaviors and occupational hazards. *Modern Nursing*, 9(2), 114-115.
- Li, X.H. (2002). Causes of mental fatigue and countermeasure in pediatric nurses.

  \*Journal of Chinese Practical Medicine, 4(14), 92-93.
- Li, Y.L., & Luo, Z.H. (2003). Nurse's occupational exposure and counter measure. *Journal of Practical Nursing*, 19(1), 216-217.

- Lin, Y.L., Fan, Y.G., & Tang, X.Y. (2000). Reform on shift work patterns in nurses.

  NanFang Journal of Nursing, 7(4), 54-55.
- Lischinger, HK., Finegan, J., Shamian, J., & Almost, J. (2001). Testing Karasek's Demands-Control Model in restructured healthcare settings: Effects of job strain on staff nurses' quality of work life. *Journal of Nursing Administration*, 31(5), 233-243.
- Liu, X.Q., & Chen, Y.P. (2004). Nursing shortage in China. *Journal of Chinese Nursing*, 39(12), 928-929.
- Liu, S.R., & Wang, F.M. (2000). A survey of fatigue and analysis its causes in psychiatric nurses. *Journal of HeiLongJiang Nursing*, 6(10), 55-56.
- Liu, X.C., Tang, M.Q., Hu, L., Wang, A.Z., Wu, H.X., Zhao, G.F., Gao, C.N., & Li, W.S. (1996). Reliability and validity of Pittsburgh Sleep Quality Index. *Chinese Journal of Psychiatry*, 29(2), 103-107.
- Longe, J.H., Ekeberg, O., & Kaasa, S. (1998). Fatigue in the general Norwegian population: Normative data and associations. *Journal of Psychosomatic Research*, 45, 53–65.
- Luo, W.X., Wu, H.P., Luo, X.J., & Cai, Y.Y. (2003). Investigation on permanent evening or night shift on the endocrine secretion. *Chinese Journal of Nursing Administration*, 3(2), 8-9.
  - Lu, H., While, A.E., & Barriball, K.L. (2005). Job satisfaction among nurses: A literature review. *International Journal of Nursing Studies*, 42, 211-227.
  - Lv, DM., & Lin, P. (2003). Analysis and countermeasures on nursing turnover problem in China. *Journal of Chinese Modern Nursing*, 9(11), 779-880.

- Lv, X.L., & Zhang, Q. (2002). Analysis of fatigue and prevention among nurses in operation room. *New Practical Chinese Medicine*, 4(5), 444-445.
- MacDonald, L.A., Deddens, J.A., Grajewski, B.A., Whelan, E.A., & Hurrell, J.J. (2003). Job stress among female flight attendants. *Journal of Occupational and Environmental Medicine*, 45(7), 703-714.
- Maslach, C., & Jackson, S.E. (1986). *Maslach burnout inventory. Manual* (2<sup>nd</sup> ed.).

  Palo Alto CA: Consulting Psychologists Press
- Mausner-Dorsch, H., & Eaton, W.W. (2000). Psychosocial work environment and depression: Epidemiologic assessment of the demand-control model.

  \*\*American Journal of Public Health, 90(11), 1765-1770.
- McNeese-Smith, D.K. (1999). A content analysis of staff nurse descriptions of job satisfaction and dissatisfaction. *Journal of Advanced Nursing*, 29(6), 1332-1341.
- Mei, F., LeMone, P., McDaniel, R.W., & Bausler, C. (2001). A multivariate validation of the defining characteristics of fatigue. *Nursing Diagnosis*, 12(1), 15-27.
- Meijer, A.M, Habekothe, H.T., & van den Wittenboer, G.L.H. (2001). Time in bed, quality of sleep and school functioning of children. *Journal of Sleep Research*, 9, 145-153.
- Melamed, S., & Bruhis, S. (1996). The effects of chronic industrial noise exposure on urinary cortisol, fatigue, and irritability. *Journal of Occupational and Environmental Health*, 38, 252-256.

- Meng, B.Z., Wang, S., Yang, Q., Diao, M.X., & Zhang, X.L. (1998). Nursing service environment: Problems and proposed solutions. *Chinese Hospital Management*, 18(5), 286-287.
- Ministry of Health, PRC (2007). *China national health accounts report*. Retrieved on November 10, 2006, http://www.moh.gov.cn. 2007.
- Muecke, S. (2005). Effects of rotating night shifts: Literature review. *Journal of Advanced Nursing*, 50(4), 433-439.
- Munakata, M., Ichi, S., Nunokawa, T., Saito, Y., Ito, N., fukudo, S., & Yoshinaga, K. (2001). Influence of night shift work on psychologic state and cardiovascular and neuroendocrine responses in healthy nurses. *Hypertension Research*, 24(1), 25-31.
- Munro, B.H. (1997). Statistics methods for health care research. Philadelphia: Lippincott.
- Nakata, A., Haratani, T., Takahashi, M., Kawakami, N., Arito, H., Fujioka, Y., Shimizu, H., Kobayashi, F., & Araki, S. (2001). Job strain, social support at work, and insomnia in Japanese shift workers. *Journal of Human Erology*, 30(1), 203-209.
- Niedhammer, I., Lert, F., & Marne, M.J. (1994). Effects of shift work on sleep among French nurses: A longitudinal study. *Journal of Occupational Medicine*, *36*(6), 667-674.
- Norris, A.E. (1997). Structural equation modeling. In B.H. Munro(Ed.), *Statistical methods for health care research* (pp.368-396). Philadelphia: Lippincott.
- Novak, R. D., & Auvil-Novak, S.E. (1996). Focus group evaluation of night nurse shiftwork difficulties and coping strategies. *Chronobiology International*, *13*, 457-463.

- Oginska, H., & Pokorski, J. (2006). Fatigue and mood correlates of sleep length in three age-social groups: School children, students and employees. *Chronobiology Internatinal*, 23(6), 1317-1328.
- Oginska, H., Pokorski, J., & Oginski, A. (1993). Gender, ageing, and shiftwork intolerance. *Ergonomics*, 36(3), 161-168.
- Olson, K. (2007). A new way of thinking about fatigue: A reconceptualization.

  Oncology Nursing Forum, 34(1), 93-99.
- Owens, J.A. (2001). Sleep loss and fatigue in medical training. *Current Opinion in Pulmonary Medicine*, 7, 411-418.
- Owens, J.F., & Matthews, K.A. (1998). Sleep disturbance in healthy middle-aged women. *Maturitas*, 30(1), 41-50.
- Parkers, K. (1999). Shiftwork, job type, and the work environment as joint predictors of health-related outcomes. Journal of Occupational Health Psychology, 4(3), 256-268.
- Page, E.B. (1993). Path models of cause. In B.H. Munro, & E.B. Page (Eds), Statistical methods for health care research (2<sup>nd</sup> ed., pp.275-293). Philadelphia: Lippincott.
- Pilcher, J.J., & Ott, E.S. (1998). The relationships between sleep and measures of health and well-being in colleague students: A repeated measures approach.

  \*Behavioral Medicine\*, 23, 170-178.
- Pilcher, J.J., Schoeling, S.E., & Prosansky, C.M. (2000). Self-report sleep habits as predictors of subjective sleepiness. *Behavioral Medicine*, 25, 161-168.

- Piper, B., Lindsey, A., & Dodd, M. (1987). Fatigue mechanisms in cancer patients:

  Developing nursing theory. *Oncology Nursing Forum*, *14*(6), 17-23.
- Piper, B. (1986). Fatigue. In V. Carrieri, A. Lindsey, & C. West (Eds.). *Pathological phenomena in nursing: Human response to illness* (pp. 219-234). Philadelphia: W.B. Saunders.
- Poleg, E., & Kleber, R.J. (2003). Acute and chronic job stressors among ambulance personnel: Predictors of health symptoms. *Occupational and Environmental Medicine*, 60, 40-46.
- Polit, D.F., & Hungler, B.P. (1995). *Nursing research: Principle and methods* (5<sup>th</sup> ed.). Philadelphia: J.B. Lippincott.
- Potter, D.R., & Perry, A.G. (1995). Basic nursing (3rd ed.,). St. Louis: Mosby.
- Prizmic, Z., Vidacek, S., & Radosevic-Vidacek, B. (1995). Shift work tolerance and 24-h variations in mood. *Work and Stress*, 9(2), 327-334.
- Ream, E., & Richardson, A. (1996). Fatigue: A concept analysis. *International Journal of Nursing Studies*, 33(5), 519-529.
- Rosa, R.R. (1995). Extended workshifts and excessive fatigue. *Journal of Sleep Research*, 4(S2), 51-56.
- Rotenberg, L., Moreno, C., Benedito-Silva, A.A., & Menna-Barreto, L. (1998).

  Sleep/wake cycle parameters and sleep/fatigue complaints in female night workers. *Biological Rhythm Research*, 29(5), 585-590.
- Ruggiero, J.S. (2003). Correlates of fatigue in critical care nurses. *Research in Nursing and Health*, 26, 434-444.

- Ruggiero, J.S. (2005). Health, work variables, and job satisfaction among nurses. *Journal of Nursing Administration*, 35(5), 254-263.
- Ryden, M. (1977). Energy: a crucial consideration in the nursing process. *Nursing Forum*, 16, 71-82.
- Sa, Y., Liu, P., Li, J., & Na, D.Q. (2003). The validation of Chinese version of Job Content Questionnaire in health professionals. *Chinese Occupational Medicine*, 30(3), 24-27.
- Samkoff, J.S., & Jacques, C.H. (1991). A review of studies concerning effects of sleep deprivation and fatigue on residents' performance. *Academic Medicine*, 66, 687-693.
- Sanne, B., Mykletun, A., Dahl, A.A., Moen, B.E., & Tell, G.S. (2005). Testing the Job-Demand-Control-Support model with anxiety and depression as outcomes: The Hordaland health study. *Occupational Medicine*, 55(6), 463-473.
- Scott, A.J., Monk, T.H., & Brink, L.L. (1997). Shiftwork as a risk factor for depression: A pilot study. *International Journal of Occupational and Environmental Health*, 3 (Supplement 2), S2-S9.
- Schumacker, R.E., & Lomax, R.G. (1996). A beginner's guide to structural equation model. Mahwah, New Jersy: Lawrence Erlbaum Associations, Publishers.
- Selye, H. (1952). *The story of the adaptation syndrome*. Montreal, Canada: Acta. Selye, H. (1956). *The stress of life*. New York: McGraw Hill.
- Shen, J.H., Botly, L.C.P., Chung, S.A., Gibbs, A.L., Sabanadzovic, S.S., & Colin, M.S. (2006). Fatigue and shift work. *Journal of Sleep Research*, 15, 1-5.

- Shi, X.L., Li, C.P., & Ma, S. (2001). Possible factors associated with fatigue and prevention strategies among ICU nurses. *Journal of Qi qi ha'er Medicine* (*Chinese*), 22(9), 1055-1056.
- Siegrist, J., Peter, R., Junge, A., Cremer, P., & Seidel, D. (1990). Low status control, high effort at work and ischemic heart disease: Prospective evidence from blue-collar men. *Social Science & Medicine*, *31*, 1127–1134.
- Siegrist, J. (1996). Adverse health effects of high-effort/low reward conditions. *Journal of Occupational Health Psychology*, 1, 27-41.
- Siu, O.L. (2002). Predictors of job satisfaction and absenteeism in two samples of Hong Kong nurses. *Journal of Advanced Nursing*, 40(2), 218-229.
- Smith, C.S., Robie, C., Folkard, S., Barton, J., Macdonald, I., Smith, L., Spelten, E., Totterdell, P., & Costa, G. (1999). A process model of shiftwork and health. *Journal of occupational health psychology*, 4, 207-218.
- 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*, *3*(4), 356-367.
- Spenceley, S.M. (1993). Sleep inquiry: a look with fresh eyes. *Image Journal of nursing scholar*, 25, 249-256.
- Stevens, J. (2002). *Applied multivariate statics for the social sciences* (4<sup>th</sup> ed.). New Jersy: Lawrence Erlbaum Associates, Inc.

- Storms, G., Casaer, S., Wit, RD., van den Bergh, O., & Moens, G. (2001). A psychometric evaluation of a Dutch version of the Job Content Questionnaire and of a short direct questioning procedure. *Work and Stress*, 15(2), 131-143.
- Sun, Y.F., Yan, L.H., Kang, F.X., Zhang, J.X., Yang, L.X., & Yu, A.H. (2001). The psychological reasons and countermeasures for nurses leaving their posts.

  Chinese Journal of Nursing, 36(2), 92-94.
- Tabachnick, B.G., & Fidell, L.S. (1996). *Using multivariate statistics* (3<sup>th</sup> ed.). New York: Harper Collins College Publishers.
- Tasto, D.L., Colligan, M.J., Skjei, E.W., & Polly, S.J. (1998). *Health consequence of shift work (Technical report URU-4426)*. Cincinnati: National Institute for Occupational Safety and Health.
- Taylor, B., & Barling, J. (2004). Identifying sources and effects of carer fatigue and burnout for mental health nurses: A qualitative approach. *International Journal of Mental Health Nursing*, 13, 117-125.
- Taylor, R.R., Jason, L.A., & Torres, A. (2000). Fatigue Rating Scales: An empirical comparison. *Psychological Medicine*, *30*, 849–56.
- Theorell-Haqlow, J., Lindberg, E., & Janson, C. (2006). What are the important risk factors for daytime sleepiness and fatigue in women? *Sleep*, 29(6), 751-757.
- Tian, C.M., Zhang, S.Z., & Wang, S.Z. (2003). Mood disorders and coping style in clinical nurses. *Chinese Journal of Practical Nursing*, 19(11), 53-54.
- Tiesinga, L., Dassen, T.W.N., & Halfens, R.J.G. (1996). Fatigue: A summary of the definitions, dimensions, and indicators. *Nursing Diagnosis*, 7, 51-62.

- Tong, L.L., & Luo, H. (2003). Analysis of job satisfaction among hospital personnel.

  Chinese Hospital Management, 23(5), 7-8.
- Triolo, P.K. (1989). Occupational health hazards of hospital staff nurses part II: physical, chemical, and biological stressors. *Journal of AAOHN*, *37*(1), 274-279.
- Uphold, C.R., Lenz, E.R., & Soeken, K. (2000). Social support transaction between professional and nonprofessional women and their mothers. *Research in Nursing & Health*, 23, 447-460.
- Van Harrison, R. (1978). Person-environment fit and job stress. In C.L. Cooper & R. Payne (Eds.), *Stress at work* (p.p 175-250). Chichester: John Wiley & Sons.
- Van Veldhoven, M., & Broersen, S. (2003). Measurement quality and validity of the "need for recovery scale." *Occupational and Environmental Medicine*, 60, i3-i9.
- Varghese, M.A., Saha, P.N., & Atreya, N. (1994). A rapid appraisal of occupational workload from a modified scale of perceived exertion. *Ergonomics*, 37(3), 485-491.
- Wang, A.X. (2004). Chronic fatigue syndrome among tumor ward nurses in China. *Journal of Snake*, 16(4), 70-72.
- Wan, Z.Y. (2004). Strategies to facilitate coordination and unity in nurses. *Journal of Chinese Medicine*, 4(11), 81-82.
- Wang, R.H., Hua, Y., & Gao, Y. (1993). Research and practice on evening and night shift work on a rotating basis. *Chinese Journal of Practical Nursing*, 9(5), 38-41.

- Wang, X.Q., Wang, A.H., & Chen, J.L. (2002). Analysis on psychological states of clinical nurses. *Chinese Nursing Research*, 16(8), 468.
- Wang, M.F., Xi, X.L., & Feng, J. (2003). The causes and prevention of mental fatigue in obstetrical nurses. *Journal of Chinese Practical Medicine*, 5(13), 107-108.
- West, S.G., Finch, J.F., & Curran, P.J. (1995). Structural equation models with normal variables. In R.H. Hoyle (Ed.), *Structural equation modeling: Concepts, issues, and applications* (pp. 56-75). Thousand Oaks, CA: Sage Publication.
- WHOQOL group (1998). Development of the World Health Organization WHOQOL-Brief quality of life assessment. *Psychological Medicine*, 28, 551-558.
- William, A. (1999). How much does employee fatigue cost? *Credit Union Executive*, 9, 25-26.
- Wilson, J.L. (2002). The impact of shift patterns on healthcare professionals. *Journal of Nursing Management*, 10, 211-219.
- Winningham, M., Nail, L., Burke, B.M., Brophy, L., Cimprich, B., Jones, L.S., Pickard-Holley, S., Rhodes, V., St Pierre B., & Beck,, S. (1994). Fatigue and the cancer experience: The state of the knowledge. *Oncology Nursing Forum*, 21, 23-36.
- Winwood, P.C., Winefield, A.H., Dawson, D., & Lushington, K. (2005).

  Development and validation of a scale to measure work-related fatigue and recovery: The Occupational Fatigue Exhaustion/Recovery Scale. *Journal of Occupational and Environmental Medicine*, 47(6), 594-606.

- Winwood, P.C., Lushington, K., &Winefield, A.H. (2006). Further development and validation of the occupational fatigue exhaustion recovery (OFER) scale. *Journal of Occupational and Environmental Medicine*, 48(4), 381-389.
- Winwood, P.C. & Lushington, K. (2006). Disentangling the effects of psychological and physical work demands on sleep, recovery and maladaptive chronic stress outcomes within a large sample of Australian nurses. *Journal of Advanced Nursing*, 56(6), 679-689.
- Winwood, P.C., Winefield, A.H., & Lushington, K. (2006) Work-related fatigue and recovery: The contribution of age, domestic responsibilities and shift work.

  \*\*Journal of Advanced Nursing, 56(4), 438-449.
- Wu, H.P., & Luo, W.X. (2003). The study of progress on shift system and arrangement of nursing shift. *Chinese Journal of Nursing Science*, 3(4), 37-39.
- Wu, X.J., Zhang, X.J., & Gao, F.L. (2000). A study on the relationship between nurses' intention to quit and work stress. *Chinese Journal of Nursing*, 35(4), 197-199.
- Xia, J.F., Fu, Y., Li, Z.H., Li, W.Z., & Yu, A.P. (2005). Experience on working during nighttime hours: A phenomenology study among Chinese nurses.

  Chinese Journal of Nursing, 40(4), 290-293.
  - Xie, J.L. (1996). Karasek's model in the People's Republic of China: Effects of job demands, control, and individual differences. *Academy of Management Journal*, 39(6), 1594-1618.

- Xu, Z.Y., Zhang, Z.L., Lin, X.Y., Zheng, Z.H., & Chen, L.N. (2005). Research on the effects of nursing occupational stress on individual fatigue. *Chinese Journal of Practical Nursing*, 11, 6-9.
- Xu, Z.Y., Zheng, Z.H., Zhang, Z.L., Lin, X.Y., & Wang, P. (2006). Individual characteristic, fatigue and occupational stress among nurses. *Chinese Journal of Nursing*, 41(6), 530-532.
- Xue, L.S., & Bao, X.P. (2000). Analysis and prevention on nursing errors. *Journal of Tian Jing Nursing (Chinese)*, 8(4), 208-210.
- Yang, M.L., Wang, R.R., & Hou, S.X. (2006). Investigation and analysis of relative factors on nurses' turnover intentions. *Modern Nursing*, 12(18), 1667-1669.
- Yang, B.F., Zhang, Z.J., Yue, X.T., & Ji, F. (1999). Study of sleep quality and anxiety/depression in medical colleague students. *Chinese Journal of Behavioral Medical Science*, 9(5), 346-348.
- Yeung, D.Y.L., & So-kum Tang, C. (2001). Impact of job characteristics on psychological health of Chinese single working women. *Women & Health*, 33(3-4), 85-100.
- Zhang, B.K., Luan, S.Z., Gao, Y., & Cao, X.Y. (1993). Investigation on fatigue among nurses in general hospitals. *Chinese Journal of Sanitation Administration*, 10, 527-531.
  - Zhang, A.Q., He, P., & Cheng, M.Z. (2004). Investigation on sleep among nurses and related-factors. *Journal of Nursing Science*, 19(5), 48-49.

- Zhang, H.X., Cheng, R., Yi, X.Y., & Zhang, S.F. (2006). A workload investigation of the clinical nurses in a general hospital and a study of the proper size. *Chinese Journal of Hospital Administration*, 12(12), 718-720.
- Zhang, L., & Diao, J. (2006). A study of sleep quality and related influencing factors in colleague students. *Chinese Journal of Clinical Psychology*, 14(5), 515-517.
- Zhang, MY. (1987). Investigation on depression in general Chinese population.

  Chinese Journal of Neurology and Psychiatry, 20(2), 67-69.
- Zhang, Y.X., & Zhang, X.Q. (1994). Strategies and cause analysis of nurses' turnover.

  Journal of Chinese Hospital Management, 10(4), 214-216.
- Zhang, Y.X., Wang, Y., & Qian, M.Y. (1990). Reliability and validity of Beck Depression Inventory. *Chinese Journal of Psychology Health*, 4(4), 164-168.
- Zhao, & Luo. (1998). How to apply the holistic care in nursing practice. *Chinese Journal of Practical Nursing*, 14(9), 495-496.
- Zheng, J.R., Huang, Z.R., Huang, J.J., Zhuang, X.Q., Wang, D.B., Zheng, S.Y., Huang, X.Y., Chen, Q.Y., & Wu, J.A. (2002). A study of psychometric properties, normative scores and factor structure of Beck Anxiety Inventory Chinese version. *Chinese Journal of Clinical Psychology*, 10(1), 4-6.
- Zheng, Z.H., Xie, W., & Xu, Z.Y. (2006). Relationship between work-related fatigue and psychological symptoms. *Chinese Journal of Practice Nursing*, 22(3), 55-59.
- Zou, P. (2000). Fatigue and adjustment among PICU nurses. *Journal of Tianjing Nursing*, 8(5), 237-238.