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# THE RELATIONSHIP BETWEEN MENTOR, SELF-EFFICACY, JOB SATISFACTION AND CAREER SUCCESS.

## By

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Thesis submitted to
School of Business Management,
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Management.



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### **ABSTRACT**

Career Success is an important element in an employee's career attainment. This is because one's achievement in their working life is determined on how successful they are. Career success does not only give an employee a sense of accomplishment but also gives the organisation an ownership on workforce retention. This study was carried out to examine the relationship between mentors, self-efficacy, job satisfaction and career success among healthcare providers in a private hospital in Kedah, Malaysia. There are three main objectives for this study, 1) to examine the relationship of mentor and career success, 2) to identify the relationship between self-efficacy and career success and 3) to examine the influence of job satisfaction in determining career success. A cross sectional study was chosen for this study. A total of 155 respondents took part in this study. Data were collected through a selfadministered questionnaire. Gathered data were analysed using Statistical Packages for Social Sciences, version 19.0 (SPSS). This study applied descriptive analysis and inferential statistics to examine the relationship among the variables. Self-efficacy was found to be the most significant variable that determines career success among healthcare providers, followed by mentor. However, job satisfaction was found to be insignificant determinant for career success. The implication of this study is that attention should be given to create more opportunity for the healthcare providers to carve a successful career in their work environment. Future research on other factors that might influence career success like variation in working environment, employee perceptions and management system need to be carried out.

**Keywords:** career success, mentors, self-efficacy, job satisfaction, healthcare provider.

### ABSTRAK

Kejayaan kerjaya adalah elemen penting dalam pencapaian kerjaya pekerja. Ini adalah kerana pencapaian seseorang dalam kehidupan kerja mereka ditentukan melalui pencapaian kejayaan mereka. Kejayaan kerja bukan hanya memberikan pencapaian kepada pekerja tetapi juga memberikan organisasi hak pemilikan dalam mengekalkan tenaga kerja. Kajian ini dijalankan untuk mengkaji hubungan antara mentor, keberkesanan diri, kepuasan kerja dan kejayaan kerjaya di kalangan penyedia penjagaan kesihatan di sebuah hospital swasta di Kedah, Malaysia. Terdapat tiga objektif utama kajian ini, 1) untuk mengenalpasti hubungan mentor dan kejayaan kerjaya, 2) untuk mengenal pasti hubungan antara keberkesanan diri dan kejayaan kerjaya dan 3) untuk mengkaji pengaruh kepuasan kerja dalam menentukan kejayaan kerjaya. Kajian keratan rentas telah dipilih untuk kajian ini. Seramai 155 responden telah mengambil bahagian dalam kajian ini. Data dikumpulkan melalui soal selidik yang dijawab oleh penyedia penjagaan kesihatan. Data dianalisis dengan menggunakan Pakej Statistik Untuk Sains Sosial, versi 19.0 (SPSS). Kajian ini menggunakan analisis deskriptif dan statistik inferensi untuk melihat hubungan di antara pembolehubah bebas dan bersandar. Keberkesanan diri adalah pembolehubah yang paling penting menentukan kejayaan kerjaya di kalangan penyedia penjagaan kesihatan, diikuti oleh mentor. Walau bagaimanapun, kepuasan kerja adalah penentu yang tidak mempunyai pengaruh terhadap kejayaan kerjaya. Implikasi kajian ini adalah untuk memberi perhatian penting dalam mewujudkan lebih banyak peluang kepada penyedia penjagaan kesihatan untuk mengukir kejayaan kerjaya dalam persekitaran kerja mereka. Kajian masa depan perlu memberi perhatian kepada faktor-faktor lain seperti perubahan dalam persekitaran kerja, persepsi pekerja dan sistem pengurusan yang mungkin mempengaruhi kejayaan kerjaya.

*Kata kunci*: kejayaan kerjaya, mentor, keberkesanan diri, kepuasaan kerja, penyedia penjagaan kesihatan.

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### **List of Abbreviations**

### **Description of Abbreviations**

GTP Government Transformation Plan

MOH Ministry of Health

WHO World Health Organisation

MSQH Malaysia Standard for Quality in

Healthcare

SCT Social Cognitive Theory

CSS Career Satisfaction Scale

MFQ Mentoring Functions Questionnaire

NGSE New General Self-Efficacy

JSS Job Satisfaction Survey

SPSS Statistical Package for Social Sciences

HR Human Resources

### **CHAPTER 1**

### INTRODUCTION

### 1.1 Background of the Study

Humans in healthcare require a compass to guide them through increasingly demanding, hastily changing and increasingly antagonistic working environments. Currently, most of the organisation are facing multiple challenges and difficulties in this competitive world especially those in healthcare industry. The most affected employees in healthcare are the healthcare providers, who must deal with great demands for improved healthcare quality, efficiency and cost reduction while at the same time managing burnout, workplace stress and exhaustion (Luthans, Lebsack & Lebsack, 2008). The increase in healthcare provider's demand is in line with the ageing population, speedy progression of medical technology and increased consumer activism (Simoens et al., 2005). The nature and excellence of the service provided to the patients mainly influenced by healthcare provider's performance that has made it as an important profession to be studied (Chen et al., 2009; Cohen & Golan, 2007; Purdy et al., 2010). By increasing the number of graduate of healthcare provider alone will not solve the shortages but the creation of better work environment with chances to move upward is vital in order to retain them within the Malaysian healthcare system. However, in future, whereby the expected use of health services increases, the demand for the healthcare profession will keep on rising in years to come (Ahmad, 2010; Saari & Judge, 2004; Siew, Chitpakdee & Chontawan, 2011).

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### **REFERENCES**

- Abele, A. E., & Spurk, D. (2009). The longitudinal impact of self-efficacy and career goals on objective and subjective career success. *Journal of Vocational Behavior*, 74, 53–62.
- Abele, A. E., Spurk, D., & Volmer, J. (2011). The construct of career success: Measurement issues and an empirical example. *Journal for Labour Market Research*, 43, 196–306.
- Adams, G. A., & Beehr, T. A. (1998). Turnover and retirement: A comparison of their similarities and differences. *Personnel Psychology*, 51, 643–665.
- Adams, J. S. (1965). Inequity in social exchange. In L. Berkowitz (Ed.), *Advances in experimental social psychology*, (pp. 267-299). New York: Academic Press.
- Adams, J. S. (1979). Women on top: Success patterns and personal growth. New York, NY: Hawthorn/Dutton.
- Ahmad, A. (2009, May 17). Rencana Utama: Jururawat Malaysia di Tanah Arab. Kosmo Online. Retrieved on March 17, 2016 from http://www.Kosmo\_Online-RencanaUtama.
- Ahmad, N., & Oranye, O. (2010). Empowerment, job satisfaction and organizational commitment: A comparative analysis of nurses working in Malaysia and England. *Journal of Nursing Management*, 18, 582–591.
- Alboim, N. (2002). Fulfilling the promise: Integrating immigrant skills in the Canadian economy. The Maytree Foundation. Retrieved on March 18 from http://www.torontoalliance.ca/docs/FulfillingPromise.pdf.
- Al-Enezi, N., Chowdhury, R. I., Shah, M. A., Al-Otabi, M. (2009). Job satisfaction of nurses with multicultural backgrounds: A questionnaire survey in Kuwait. *Applied Nursing Research*, 22(2), 94–100.
- Alexis, O., Vydelingum, V., & Robbins, I. (2006). Overseas nurses' experiences of equal opportunities in the NHS in England. *Journal of Health Organization and Management*, 20(2), 130-139.

- Alexis, O., Vydelingum, V., & Robbins, I. (2007). Engaging with a new reality: Experiences of overseas minority ethnic nurses in the NHS. *Journal of Clinical Nursing*, 16, 2221-2228.
- Allen, T. D. & Eby, L. T. (2007). Common bonds: An integrative view of mentoring. In T. D. Allen & L. T. Eby (Ed.), *The blackwell handbook of mentoring: A multiple perspectives approach*, (pp. 397-419). Oxford, England: Blackwell.
- Allen, T. D., & Poteet, M. L. (1999). Developing effective mentoring relationships: Strategies from the mentor's viewpoint. *The Career Development Quarterly*, 48(1), 59-73.
- Archibald, C. (2006). Job satisfaction among neonatal nurses. *Pediatric Nursing*, 32, 176–179.
- Arokiasamy, L., Ismail, M., Ahmad, A., & Othman, J. (2011). Predictors of academics' career advancement at Malaysian private universities. *Journal of European Industrial Training*, 35, 589-605.
- Aryee, S., Chay, Y. W., & Tan, H. H. (1994). An examination of the antecedents of subjective career success among a managerial sample in Singapore. *Human Relations*, 47(5), 487-509.

- Azizah, K. (2012). Dasar Pekerja Asing di Malaysia: Perlunya anjakan Paradigma (Foreign Workers Policy in Malaysia: the Need for Paradigm Shift). Universiti Kebangsaan Malaysia. Bangi.
- Ballout, H. I. (2008). Work-family conflict and career success: the effects of domain-specific determinants. *The Journal of Management Development*, 27(5), 437-466.
- Bandura, A. (1977). Self-efficacy: Toward a unifying theory of behavioural change. *Psychological Review*, 84(2), 191-215.
- Bandura, A. (1982). Self-efficacy mechanism in human agency. *American Psychologist*, 37, 122–147.
- Bandura, A. (1986). *Social foundations of thought and action*. Englewood Cliffs, NJ: Prentice Hall.

- Bandura, A. (1989). Human agency in social cognitive theory. *American Psychologist*, 44, 1175–1184.
- Bandura, A. (1997). Self-efficacy. The exercise of control. New York: Freeman.
- Barnett, T., Namasivayam, P. & Narudin, D. A. A. (2010). A critical review of the nursing shortage in Malaysia. *International Nursing Review*, 57, 32–39.
- Baruch, Y. (2004). Managing careers: Theory and practice. London: Prentice Hall.
- Baugh, S. G., Lankau, M. J., & Scandura, T. A. (1996). An investigation of the effects of protégé gender on responses to mentoring. *Journal of Vocational Behavior*, 49, 309-323.
- Bernama. (2009). Health Ministry to aggressively tap into health tourism. Retrieved on March 15, 2016 from http://www.bernama.com/bernama/v8/newsindex.php?id=410260
- Bernama. (2011). Staff shortage makes nursing jobs harder. Retrieved on March 15 2016 from http://www.theborneopost.com/2011/12/01/staff-shortage-makes-nursingjobsharder/
- Bernstein, D. A., & Nash, P. W. (2008). *Essentials of psychology* (4th ed.). Boston: Cengage Learning.
- Beutell, N. J., & Wittig-Berman, U. (1999). Predictors of work-family conflict and satisfaction with family, job, career, and life. *Psychological Reports*, 85(3), 893-903.
- Bhuian, S. N., & Menguc, B. (2002). Evaluation of job characteristics, organizational commitment and job satisfaction in an expatriate, guest worker, sales setting. *Journal of Personal Selling and Sales Management*, 22, 1-12.
- Boehm, J. K., & Lyubomirsky, S. (in press). The promise of sustainable happiness. In S. J. Lopez (Ed.), *Handbook of positive psychology* (2nd ed.). Oxford: Oxford University Press.

- Boudreau, J. W., Boswell, W. R., & Judge, T. A. (2001). Effects of personality on executive career success in the United States and Europe. *Journal of Vocational Behavior*, 58, 53-81.
- Boyle, C., & James, S. K. (1990). Nursing leaders as mentors: How are we doing? *Nursing Administration Quarterly*, 15 (1), 44-48.
- Bozionelos, N. (2003). Intra-organizational network resources: Relation to career success and personality. *International Journal of Organizational Analysis*, 11(1), 41-66.
- Bozionelos, N. (2004b). The big five of personality and work involvement. *Journal of Managerial Psychology*, 19(1), 69-81.
- Bozionelos, N. (2004c). Mentoring provided: Relation to mentor's career success, personality and mentoring received. *Journal of Vocational Behaviour*, 62, 24-46.
- Breland, J. W., Treadway, D. C., Duke, A. B., & Adams, G. L. (2007). The interactive effect of leader-member exchange and political skill on subjective career success. *Journal of Leadership and Organizational Studies*, 13(3), 1–14.

- Brown, S. P., Jones, E., & Leigh, T. W. (2005). The attenuating effect of role overload on relationships linking self-efficacy and goal level to work performance. *Journal of Applied Psychology*, 90(5), 972-979.
- Bright, J. (2008). Happy staff get a life; the ladder. Sydney Morning Herald.
- Burke, R. J. (1984). Mentors in organization. *Group and Organization Studies*, 9, 353-372.
- Burke, R. J. (2001). Managerial women's career experiences, satisfaction and wellbeing: A five country study. *Cross Cultural Management*, 8(3/4), 117-133.
- Buchanan, L., & Likness, S. (2008). Evidence-based practice to assist women in hospital settings to quit smoking and reduce cardiovascular disease risk. *Journal of Cardiovascular Nursing*, 23(5), 397-406.

- Cable, D. M., & DeRue, D. S. (2002). The convergent and discriminant validity of subjective fit perceptions. *Journal of Applied Psychology*, 87(5), 875-884.
- Callanan, G. A. (2003). What price career success. *Career Development International*, 8(3), 126-133.
- Carson, K. D., Carson, P. P., Lanford, H., & Roe, C. W. (1997). The effects of organization- based self-esteem on workplace outcomes: An examination of emergency medical technicians. *Publication Personal Management*, 26(1), 139-155.
- Carver, C. S. (2003). Pleasure as a sign you can attend to something else: Placing positive feelings within a general model of affect. *Cognition and Emotion*, 17, 241-261.
- Casey, K., Fink, R., Krugman, M. & Propst, J. (2004). The graduate nurse experience. *Journal of Nursing Administration*, 34(6), 303-311.
- Castro, S. L., & Scandura, T. A. (2004). The tale of two measures: Evaluation and comparison of Scandura's (1992) & Ragins and McFarlin's (1990) mentoring measures. Paper presented at the Southern Management Association Meeting, San Antonio, TX.

- Cavana, R. Y., Delahaye, B. L., Sekaran, U. (2001). *Applied Business Research:* Qualitative and Quantitative Method. Australia: John Wiley & Sons.
- Chao, G. T., Walz, P. M., & Gardner, P. D. (1992). Formal and informal mentorships: A comparison on mentoring functions and contrast with non-mentored counterparts. *Personnel Psychology*, 45(3), 619-636.
- Chen, C. K., Lin, C., Wang, S. H. & Hou, T. H. (2009). A study of job stress, stress coping strategies and job satisfaction for nurses working in middle-level hospital operating room. *Journal of Nursing Research*, 17(3), 199-211.
- Chen, G., Gully, S., & Eden, D. (2001). Validation of a new general self-efficacy scale. *Organizational Research Methods*, 4, 62–83.
- Chin Siang, A., Abu Talib, M., Juhari, R. & Madon, Z. (2014). Psychometric properties of the Malay version of the job satisfaction survey among

- Malaysian military personnel. *PERTANIKA Journal Social Sciences and Humanities*, 22 (1), 285–306.
- Chua, S. L. (2006). Speech by Y.B. Datuk Seri Dr. Chua Soilek, Minister of Health Malaysia, at the United Nations World Aids Day. Reterived on March 06 2016 from http://72.14.235.132/search?q=cache:67pmZCRGDiIJ:www.moh.gov.my/MohPortal/
- Chua, Y. P. (2012). Kaedah Penyelidikan Edisi Kedua, Malaysia: Mc-Graw Hill.
- Cohen, A. & Golan, R. (2007). Predicting absenteeism and turnover intentions by past absenteeism and work attitudes: An empirical examination of female employees in long term nursing care facilities. *Career Development International*, 12(5), 416-432.
- Coleman, J. S. (1988). Social capital in the creation of human capital. *American Journal of Sociology*, 94, 95-120.
- Collins, E. G., & Scott, P. (1978). Everyone who makes it has a mentor. *Harvard Business Review*, 56, 89-101.
- Collins, N. (1983). *Professional women and their mentors*. Englewood Cliffs, NJ: Prentice Hall.
- Cooper, D. R., & Schindler, P. S. (2003). *Business Research Methods* (8th ed.). Boston: McGraw-Hill Irwin.
- Cowin, L. (2002). The self-concept of nurses and its relationship to job satisfaction and retention. *Unpublished PhD thesis*. The University of Western Sydney, Australia.
- Creswell, J. W. (1994). *Research design: Qualitative and quantitative approaches*. Thousand Oaks, CA: Sage Publications.
- Creswell, J. W. (1998). *Qualitative Inquiry & Research Design: Choosing among five approaches* (first edition). Thousand Oaks, CA: Sage.

- Davey, J., Obst, P., & Sheehan, M. (2001). Demographic and workplace characteristics which add to the prediction of stress and job satisfaction within the police workplace. *Journal of Police and Criminal Psychology*, 16(1), 29-39.
- Dawis, R. V., & Lofquist, L. H. (1984). A psychological theory of work adjustment: An individual differences model and its applications. Minneapolis: University of Minnesota Press.
- Day, R., & Allen, T. D. (2004). The relationship between career motivation and self-efficacy with protégé career success. *Journal of Vocational Behavior*. 64, 72–91.
- Dreher, G. F., & Ash, R. A. (1990). A comparative study of mentoring among men and women in managerial, professional, and technical positions. *Journal of Applied Psychology*, 75(5), 539-546.
- Dreher, G. F., & Cox, Jr., T. H. (1996). Race, gender and opportunity: A study of compensation attainment and the establishment of mentoring relationships. *Journal of Applied Psychology*, 81, 297–308.
- Duffield, C., Roche, M., O'Brien-Pallas, L., Catling-Paull, C., & King, M. (2009). Staff satisfaction and retention and the role of the nursing unit manager. *Collegian*, 16(1), 11-17.
- Dunham, R. B., & Hawk, D. L. (1977). The four-day/forty-hour week: Who wants it? *Academy of Management Journal*, 20, 644–655.
- Durrishah I. (2001). An examination of the contending factors shaping the role of the state in Malaysian Industrial Relations System. *Unpublished PhD thesis*. University of Stirling.
- Eby, L. T., Butts, M., & Lockwood, A. (2003). Predictors of success in the era of boundaryless careers. *Journal of Organizational Behavior*, 24, 689–708.
- Edwards, P. A., & Davis, C. R. (2006). Internationally educated nurses' perceptions of their clinical competence. *The Journal of Continuing Education in Nursing*, 37(6), 265-269.

- Fagenson, E. A. (1989). The mentor advantage: Perceived career/job experiences of protégés versus non-protégés. *Journal of Organizational Behavior*, 10, 309–320.
- Fawcett, D. L. (2002). Mentoring—what it is and how to make it work. *Association of Operating Room Nurses*, 75, 950-954.
- Feldman, D. C. (2002). Stability in the midst of change: A developmental perspective on the study of careers. San Francisco: Jossey-Bass.
- Frieze, I. H., Olson, J. E., Murrell, A. J., & Selvan, M. S. (2006). Work values and their effect on work behavior and work outcomes in female and male managers. *Sex Roles*, 54, 83–93.
- Gattiker, U. E. (1985). Organizational careers: Developing a construct of career success. *Dissertation Abstracts International*, 45, 4409A.
- Gattiker, U. E., & Larwood, L. (1988). Predictors for manager's career mobility, success, and satisfaction. *Human Relations*, 41(8), 569-591.
- Gholami Fesharaki, M., Talebiyan, D., Aghamiri, Z., & Mohammadian, M. (2012). Reliability and validity of job satisfaction survey questionnaire in military healthcare workers. *MilMed Journal*, 13(4), 241-246.
- Gibson, T. & Heartfield, M. (2005). Mentoring for nurses in general practice: An Australian study. *Journal of Interprofessional Care*, 19(1), 50-62.
- Girves, J. E., Yolanda, Z. & Judith K. G. (2005). Mentoring in a post affirmative action world. *Journal of Social Issues*, 61, 449-479.
- Global Health Workforce Alliance (2008). Health Workers for All and All for Health Workers. *The Kampala Declaration and Agenda for Global Action*. Retrieved on March 16 2016 from http://www.who.int/entity/workforcealliance/forum/1\_agenda4GAction\_fin al.pdf
- Godshalk, V. M., & Sosik, J. J. (2003). Aiming for career success: The role of learning goal orientation in mentoring relationships. *Journal of Vocational Behavior*, 63(3), 417-437.

- Gonzalez-Figueroa, E., & Young, A. M. (2005). Ethnic identity and mentoring among Latinas in professional roles. *Cultural Diversity and Ethnic Minority Psychology*, 11(3), 213-226.
- Grant, A. M., Fried, Y., & Juillerat, T. (2010). Work matters: Job design in classic and contemporary perspectives. Washington, DC: American Psychological Association.
- Gray, M. A., & Smith, L. N. (2000). The qualities of an effective mentor from the student nurse's perspective: Findings from a longitudinal qualitative study. *Journal of Advanced Nursing*, 32, 1542-1549.
- Greenhaus, J. H. (2003). Career dynamics. New York: Wiley.
- Greenhaus, J. H., Parasuraman, S., & Wormley, W. M. (1990). Effects of race on organizational experiences, job performance evaluations, and career outcomes. *Academy of Management Journal*, 33, 64–86.
- Gutteridge, T. G. (1973). Predicting career success of graduate business school alumni. *Academy of Management Journal*, 16, 129–137.
- Hair, Jr. J. F., Anderson, R. E., Tatham, R. L., & Black, W. C. (1998). *Multivariate Data Analysis* (5th Edition). Upper Saddle River, NJ: Prentice Hall.
- Hall, D. T. (1976). Careers in organizations. Glenview, III: Scott Foresman.
- Hall, D. T. (2002). *Careers in and out of organizations*. Thousand Oaks, CA: Sage Publications.
- Hall, D. T., & Chandler, D. E. (2005). Psychological success: When the career is a calling. *Journal of Organizational Behaviour*, 26, 155–176.
- Hawthorne, L. (2001). The globalisation of the nursing workforce: Barriers confronting overseas qualified nurses in Australia. *Nursing Inquiry*, 8, 213-229.
- Heale, R., & Griffin, M. T. Q. (2009). Self-efficacy with application to adolescent smoking cessation: A concept analysis. *Journal of Advanced Nursing*, 65, 912–918.

- Heath, C., Larrick, R. P., & Wen, G. (1999). Goals as reference points. *Cognitive Psychology*, 38, 79-109.
- Hennequin, E. (2007). What career success means to blue collar workers. *Career Development International*, 12, 565–581.
- Henry, L. (2007). Institutionalized disadvantage: Older Ghanaian nurses' and midwives' reflections on career progression and stagnation in the NHS. *Journal of Clinical Nursing*, 16(12), 2196-2203.
- Heslin, P. A. (2005). Conceptualizing and evaluating career success. *Journal of Organizational Behaviour*, 26, 113-136.
- Higgins, M. C., Dobrow, S. R., & Chandler, D. (2008). Never quite good enough: The paradox of sticky developmental relationships for elite university graduates. *Journal of Vocational Behavior*, 72, 207–224.
- Higgins, M. C., & Kram, K. E. (2001). Reconceptualizing mentoring at work: A developmental network perspective. *Academy of Management Review*, 26, 264–288.
- Hofmans, J., Dries, N., & Pepermans, R. (2008). The Career Satisfaction Scale: Response bias among men and women. *Journal of Vocational Behavior*, 73, 397–403.
- Hughes, E. C. (1958). Men and their work. Glencoe, IL: Free Press.
- Hugnes, R. L., Gonnett, R. C., & Curphy, G. J. (2006). *Leadership, Enhancing the Lessons of Experience* (5<sup>th</sup> ed.). United States: McGraw Hill.
- Hunt, D., & Michael, C. (1983). Mentorship: A career training and development tool. *Academy of Management Review*, 8(3), 475-485.
- Hunt, S. D., Chonko, L. B., & Wood, V. R. (1985). Organizational commitment and marketing. *Journal of Marketing*, 49 (1), 112-126.
- Inouye, J. (1995). A research development program for minority honours students. *Journal of Nursing Education*, 34, 268-271.

- International Council of Nurse (2007). *Definition of Nursing*. Retrieved on March 20, 2016 from http://www.icn.ch/definition.htm.
- Ismail, M., & Ibrahim, M. (2007). Barriers to career progression faced by women: Evidence from a Malaysian multinational oil company. *Gender in Management: An International Journal*, 23, 51-66.
- Ismail, M., & Rasdi, R. M. (2006). *High-flying women academics: A question of mobility*. Malaysia: Pelanduk Publications.
- Jaskolka, G., Beyer, J., & Trice, H. (1985). Measuring and predicting managerial success. *Journal of Vocational Behavior*, 26, 189-205.
- Jex, S. M. (2002). Organizational psychology: A scientist-practitioner approach. New York: John Wiley & Sons, Inc.
- Johnson, M. D., Hollenbeck, J. R., Scott DeRue, D., Barnes, C. M., & Jundt, D. (2013). Functional versus dysfunctional team change: Problem diagnosis and structural feedback for self-managed teams. *Organizational Behavior and Human Decision Processes*, 122, 1–11.
- Johnson, W. B., Lall, R., Holmes, E. K., Huwe, J. M., & Nordlund, M. D. (2001). Mentoring experiences among navy midshipmen. *Military Medicine*, 166, 27–31.
- Joiner, T., Bartram, T., & Garreffa, T. (2004). The effects of mentoring on perceived career success, commitment, and turnover intentions. *The Journal of American Academy of Business, Cambridge*, 5(1/2), 167-170.
- Judge, T. A., Cable, D. M., Boudreau, J. W., & Bretz, Jr. R. D. (1995). An empirical investigation of the predictors of executive career success. *Personnel Psychology*, 48(3), 485-519.
- Judge, T. A., & Church, A. H. (2000). *Job satisfaction: Research and practice*. Oxford, UK: Blackwell.

- Judge, T. A., Higgins, C. A., Thoresen, C. J., & Barrick, M. R. (1999). The Big Five personality traits, general mental ability and career success across the lifespan. *Personnel Psychology*, 52, 621-652.
- Kalleberg, A. L. (1977). Work values and job rewards: a theory of job satisfaction. *American Sociological Review*, 42, 124-143.
- Kammeyer-Mueller, J., Judge, T., & Piccolo, R. (2008). Self-esteem and extrinsic career success: Test of a dynamic model. *Applied Psychology: An International Review*, 57(2), 204-224.
- Kanchanachitra, C., Lindelow, M., Johnston, T., Hanvoravongchai, P., Lorenzo, F.
  M., Huong, N. L., Wilopo, S. A., & Dela Rosa, J. F. (2011). Human Resources for Health in Southeast Asia: Shortages, Distributional Challenges, and International Trade in Health Services. *Lancet*, 377, 769-781.
- Kanter, R. M. (1977). Work and family in the U. S.: A critical review and agenda for research and policy. NY: Sage.
- Katrinli, A., Atabay, G., Gunay, G. & Guneri, B. (2008). Leader-member exchange, organizational identification and the mediating role of job involvement for nurses. *Journal of Advanced Nursing*, 64(4), 354-362.
- Kay, F., Hagan, J. & Parker, P. (2009). Principals in practice: The importance of mentorship in the early stages of career development. *Law & Policy*, 31(1), 69-110.
- Kazi, G., & Zadeh, Z. (2011). The contributions of individual variables: Job satisfaction and job turnover. *Interdisciplinary Journal of Contemporary Research in Business*. Retrieved on March 28, 2016 from http://journal-archieves8.webs.com/984-991.pdf
- Khowaja, K., Merchant, R. J. & Hirani, D. (2005). Registered nurses perception of work satisfaction at a tertiary care university hospital. *Journal of Nursing Management*, 13(1), 32–39.
- Kim, S., Mone, M. A., & Kim, S. (2008). Relationships among self-efficacy, pay-for-performance perceptions, and pay satisfaction: A Korean examination. *Human Performance*, 21, 158–179.

- Koberg, C. S., Boss, R. W., & Goodman, E. (1998). Factors and outcomes associated with mentoring among health-care professionals. *Journal of Vocational Behavior*, 53, 58–72.
- Koberg, C. S., Boss, R. W., Chappell, D., & Ringer, R. C. (1994). Correlates and consequences of protégé mentoring in a large hospital. *Group & Organization Management*, 19, 219–239.
- Koonar, K. (2008). Nursing Assistant- An intergal part of the system. Retrieved on March 20 2016 from http://rnnurseschools.com/tag/assistant/
- Kosmo Online. (2009). Jururawat Di Tanah Arab. Retrieved on February 20 2016 from http://www.kosmo.com.my/kosmo/content.asp?y=2009&dt=0517&pub=Kosmo&sec=Renca na\_Utama&pg=ru\_06.htm
- Kram, K. E. (1983). Phases of the mentor relationship. *Academy of Management Journal*, 26(4), 608-625.
- Kram, K. E. (1985). *Mentoring at work: Developmental relationships in organizational life*. Glenview, IL: Scott, Foresman.
- Kram, K. E., & Hall, D. T. (1996). *Mentoring in a context of diversity and turbulence*. Cambridge, MA: Blackwell Business.
- Kram, K. E., & Isabella, L. (1985). Mentoring alternatives: The role of peer relationships in career development. *Academy of Management Journal*, 28(1), 110-132.
- Krejcie, R. V., & Morgan, D. W. (1970). Determining sample size for research activities. *Educational and Psychological Measurements*, 30(2), 607-610.
- Kuhar, P., Miller, D., Spear, B., Ulreich, S., & Mion, L. (2004). The meaningful retention strategy inventory. *Journal of Nursing Administration*, 34(1), 10-18.

- Lamarche, K., & Tullai-McGuinness, S. (2009). Canadian nurse practitioner job satisfaction. *Nursing Leadership*, 22(2), 41–57.
- Lau, V. P., & Shaffer, M. A. (1999). Career success: The effects of personality. *Career Development International*, 4(4), 225-231.
- Lawler, E. E. III. (2005). *Motivating and satisfying excellent individuals*. *Management Skills:* San Francisco, CA: John Wiley and Sons.
- Lawrence, B. S. (2011). Careers, social context and interdisciplinary thinking. *Human Relations*, 64, 59-84.
- Lee, L. A. (2000). Buzzwords with a basis: Motivation, mentoring, and empowerment aren't just management jargon—They're resources you use every day. *Nursing Management*, 31, 24-28.
- Lenz, E. R. (2002). *Self -efficacy in nursing: Research and measurement perspectives* (1<sup>st</sup> ed.). New York: Springer Publications Inc.
- Levinson, D. J., Darrow, C. L., Klein, E., Levinson, M., & MeKee, B. (1978). *The seasons of a man's life*. New York, NY: Alfred A. Knopf.
- Lin, N. (1999). Building a Network Theory of Social Capital. *Connections*, 22(1), 28-51.

- Lippke, S., Wiedemann, A. U., Ziegelmann, J. P., Reuter, T., & Schwarzer, R. (2009). Self-efficacy moderates the mediation of intentions into behavior via plans. *American Journal of Behavior*, 45, 521–529.
- Lirio, P., Lituchy, T. R., Monserrat, S. I., Olivas-Lujan, M. R., Duffy, J. A., Fox, S., & Santos, N. (2007). Exploring career-life success and family social support of successful women in Canada, Argentina and Mexico. *Career Development International*, 12, 28-50.
- Locke, E. A. (1975). Personnel attitudes and motivation. *Annual Review of Psychology*, 457-480.
- Locke, E. A. (1976). *The nature and causes of job satisfaction*. Chicago, IL: Rand McNally.

- London, M. (1983). Toward a theory of career motivation. *The Academy of Management Review*, 8, 620-630.
- Lu, H., While, A. E., & Louise Barriball, K. (2005). Job satisfaction among nurses: A literature review. *International Journal of Nursing Studies*, 42(2), 211-227.
- Lubbers, R., Loughlin, C., & Zweig, D. (2005). Young workers' job self-efficacy and affect: Pathways to health and performance. *Journal of Vocational Behavior*, 67, 199–214.
- Luthans, K. W., Lebsack, S. A., & Lebsack, R. R. (2008). Positivity in healthcare: Relation of optimism to performance. *Journal of Health Organization and Management*, 22(2), 178-188.
- Lyubomirsky, S., King, L., & Diener, E. (2005). The benefits of frequent positive affect: Does happiness lead to success? *Psychological Bulletin*, 131, 803-855.
- Malaysian Economic Planning Unit, Prime Minister's Department (2009). *Ninth Malaysian Plan 2006-2010*. Retrieved on March 17 2016 from http://www.epu.gov.my/en/c/document\_library/get\_file?uuid=4b977137-149c-46a0-8a4f-75ddc2e74318&groupId=283545
- Malka, A., & Chatman, J. A. (2003). Intrinsic and extrinsic work orientations as moderators of the effect of annual income on subjective well-being: A longitudinal analysis. *Personality and Social Psychology Bulletin*, 29, 737–746.
- Mariani, B. (2012). The effect of mentoring on career satisfaction of registered nurses and intent to stay in the nursing profession. *Nursing Research and Practice*, 1-7.
- Markiewicz, D., Devine, I., & Kausilas, D. (2000). Friendships of women and men at work: Job satisfaction and resource implications. *Journal of Managerial Psychology*, 15, 161-184.
- Martin, J., Mc Caughtry, N., Kulinna, P., & Cothran, D. (2008). The influence of professional development on teachers' self-efficacy toward educational change. *Physical Education & Sport Pedagogy*, 13, 171–191.

- Masroor, A. M., Fakir, M. J. (2009). Level of job satisfaction and intent to leave mong Malaysian nurses. *Business Intelligence Journal*, 3(1), 123-137.
- McCloughen, A., O'Brien, L., & Jackson, D. (2009). Esteemed connection: Creating a mentoring relationship for nurse leadership. *Nursing Inquiry*, 16, 326-336.
- Meeusen, V., Van Dam, K., Brown-Mahoney, C., Zundert, A., & Knape, H. (2011). Understanding nurse anesthetists' intention to leave their job: How burnout and job satisfaction mediate the impact of personality and workplace characteristics. *Health Care Management Review*, 36(2), 155-163.
- Merriam-Webster's Online Dictionary. (2016). *Self-efficacy*. Retrieved on March 20 2016 from http://www.merriam-webster.com/
- Ministry of Health (2006). Annual Report: Kuala Lumpur.
- Ministry of Health, Performance Management and Delivery Unit (PEMANDU), Prime Minister's Department (2010). Retrieved on March 10, 2016 from http://www.moh.gov.my/images/gallery/ETP/Ringkasan Eksekutif.pdf
- Ministry of Health. (2014). *Health Facts*. Retrieved on March 10, 2016 from http://www.moh.gov.my/images/gallery/publications/HEALTH FACTS.pdf
- Mitchell T. R., & Daniels, D. (2003). *Handbook of psychology, industrial/organizational psychology*. New York: Wiley.
- Mueller, C. W., & Kim, S. W. (2008). *The contented female worker: Still a paradox?* Bingley, UK: Emerald Group Publishing Limited.
- Mullen, E. J. (1994). Framing the mentoring relationship as an information exchange. *Human Resource Management Review*, 4, 257-281.
- Mullins, J. L. (2005). *Management and organizational behaviour* (7<sup>th</sup> ed.). Essex: Pearson Education Limited.

- Mondy, R. W., Noe R. M., & Premeaux, S. R. (2002). *Human Resource Management* (8<sup>th</sup> edition). New Jersey: Prentice Hall.
- Nabi, G. R. (1999). An investigation into the differential profile of predictors of objective and subjective career success. *Career Development International*, 4(4), 212-225.
- Nabi, G. R. (2001). The relationship between HRM, social support and subjective career success among men and women. *International Journal of Manpower*, 22(5), 457-474.
- Nabi, G. R. (2003). Situational characteristics and subjective career success: The mediating role of career enhancing strategies. *International Journal of Manpower*, 24(6), 653-672.
- Najjari, R., Kermani, B., & Farzad, H. (2014). Relationship between the nurses' subjective and objective career success and extraversion and introversion personality types. *Journal of Economics and Management*, 18(7), 426-432.
- Nevid, J. S. (2009). *Psychology: Concepts and applications* (3rd ed.). Boston: Houghton Mifflin Company.
- Ng, T. W. H., Eby, L. T., Sorensen, K. L., & Feldman, D. C. (2005). Predictors of objective and subjective career success: A meta-analysis. *Personnel Psychology*, 58, 367-408.
- Ng, J., & Earl, J. (2008). Accuracy in self-assessment: The role of ability, self-efficacy, feedback and goal orientations. *Australian Journal of Career Development*, 17(3), 39-50.
- Nichols, J., & Campbell, J. (2010). The experiences of internationally recruited nurses in the UK (1995-2007): An integrative review. *Journal of Clinical Nursing*, 19(19/20), 2814-2823.
- Nicholson, N., De Waal-Andrews, W. (2005). Playing to win: Biological imperatives, self- regulation, and trade-offs in the game of career success. *Journal of Organizational Behaviour*, 26, 137–154.

- Niehoff, B. P. (2006). Personality predictors of participant as a mentor. *Career Development International*, 11(4), 321-333.
- Nielson, T. R., Carlson, D. S., & Lankau, M. J. (2001). The supportive mentor as a means of reducing work-family conflict. *Journal of Vocational Behavior*, 59, 364-381.
- Noe, R. (1987). Perceptions of organizational politics: An exploratory investigation of the antecedents and consequences. *Journal of Management*, 21(5), 891-912.
- Noe, R. (1988). Women and mentoring: A review and research agenda. *Academy of Management Review*, 13(1), 65-78.
- Noe, R. A., & Barber, A. E. (1993). Willingness to accept mobility opportunities: Destination makes a difference. *Journal of Organizational Behavior*, 14, 159–175.
- Okurame, D. E., & Balogun, S. K. (2005). Role of informal mentoring in the career success of first-line bank managers. *Career Development International*, 10(6/7), 512-521.
- Palgi, M., & Moore, G. (2004). Social Capital: Mentors and contacts. *Current Sociology*, 52, 459-480.
- Parasuraman, S. & Simmers, C. A. (2001). Type of employment, work-family conflict and well-being: A comparative study. *Journal of Organisational Behavior*, 22, 551-568.
- Parsons, F. (1909). Choosing a vocation. Boston: Houghton Mifflin.
- Pekmezi, D., Jennings, E., & Marcus, B. H. (2009). Evaluating and enhancing self-efficacy for physical activity. *Health & Fitness Journal*, 13(2), 16-21.
- Peluchette, J. V. E., & Jeanquart, S. (2000). Professionals' use of different mentor sources at various career stages: implications for career success. *Journal of Social Psychology*, 140(5), 549–564.

- Phillip-Jones, L. (1983). Establishing a formalized mentor program. *Training and Development Journal*, 37, 38-42.
- Piaw, C. Y. (2012). Mastering research method. Malaysia: Mc Graw Hill.
- Poon, J. M. L. (2004). Career commitment and career success: Moderating role of emotion perception. *Career Development International*, 9, 374-390.
- Price, M. (2002). Job satisfaction of registered nurses working in an acute hospital. *British Journal of Nursing*, 11(4), 275-280.
- Punnett, B. J., Duffy, J. A., Fox, S., Gregory, A., Lituchy, T., Miller, J. Monserrat, S. I., Olivas-Lujan, M. R., & Santos, N. M. B. F. (2007). Career success and satisfaction: A comparative study in nine countries. *Women in Management review*, 22(5), 371-390.
- Purdy, N., Laschinger, H. K. S., Firiegan, J., Kerr, M. & Olivera, F. (2010). Effects of work environments on nurse and patient outcomes. *Journal of Nursing Management*, 18, 901-913.
- Quigley, N. R., & Tymon, Jr. W. G. (2006). Toward an integrated model of intrinsic motivation and career self-management. *Career Development International*, 11(6), 522-543.
- Ragins, B. R., & Cotton, J. L. (1999). Mentor functions and outcomes: A comparison of men and women in formal and informal mentoring relationships. *Journal of Applied Psychology*, 84, 529-550.
- Ragins, B. R., & Verbos, A. K. (2007). Positive relationships in action: Relational mentoring and mentoring schemas in the workplace. Mahwah, NJ: Lawrence Erlbaum.
- Rajabi, S., Papzan, A., & Zahedi, G. (2012). Application of social cognitive career theory to investigate the effective factors of the career decision-making intention in Iranian agriculture students by using ANN. *SAGE Open*, 2(4), 1-13.
- Ramaswami, A., & Dreher, G. F. (2007). The benefits associated with workplace mentoring relationships. Malden, MA: Blackwell.

- Ramoo, V., Khatijah, L. A., Chua, Y. P. (2013). The relationship between job satisfaction and intention to leave current employment among registered nurses in a teaching hospital. *Journal of Clinical Nursing*, 22, 3141–3152.
- Ransom, S. A. (2012). Correlation between self-efficacy and transfer of training in the virtual team environment. *PhD Dissertation*.
- Reeb, R. N., & Folger, S. F. (2013). Community outcomes in service learning: Research and practice from a systems perspective. Sterling, VA: Stylus Publishing.
- Roche, G. R. (1979). Much ado about mentors. *Harvard Business Review*, 57(1), 17-28.
- Rode, J. C., Arthaud-Day, M. L., Mooney, C. H., Near, J. P., & Baldwin, T. T. (2008). Ability and personality predictors of salary, perceived job success, and perceived career success in the initial career stage. *International Journal of Selection and Assessment*, 16(3), 292-299.
- Rose, M. (2003). Good deal, bad deal? Job satisfaction in occupations. Work, Employment and Society, 17(3), 503–530.
- Rustgi, A. K., & Hecht, G. A. (2011) .Mentorship in academic medicine. *Gastroenterology*, 141, 789-792.
- Saari, L. M., Judge, T. A. (2004). Employee attitudes and job satisfaction. *Human Resource Management*, 43(4), 395-407.
- Saks, A. M. (1995). Longitudinal field investigation of the moderating and mediating effects of self-efficacy on the relationship between training and newcomer adjustment. *Journal of Applied Psychology*, 80, 211-225.
- Sanchez, J. I., & Brock, P. (1996). Outcomes of perceived discrimination among Hispanic employees: Is diversity management a luxury or a necessity? *Academy of Management Journal*, 39 (3), 704–719.
- Scandura, T. A. (1992). Mentorship and career mobility: An empirical investigation. *Journal of Organizational Behavior*, 13(2), 169-174.

- Scandura, T. A., & Pellegrini, E. K. (2007). Workplace mentoring: Theoretical approaches and methodological issues. Malden, MA: Blackwell.
- Scandura, T. A., & Ragins, B. R. (1993). The effects of sex and gender role orientation on mentorship in male-dominated occupations. *Journal of Vocational Behavior*, 43, 251-265.
- Scandura, T. A., & Ragins, B. R. (1994). Gender differences in expected outcomes of mentoring relationships. *Academy of Management Journal*, 34(4), 957-971.
- Scherbaum, C., Cohen-Charash, Y., Kern, M. (2006). Measuring general self-efficacy: A comparison of three measures using item response theory. *Educational Psychology Measure*, 66(6), 1047-1063.
- Schunk, D. H., & Zimmerman, B. J. (1994). Self-regulation of learning and performance: Issues and educational applications. Hillsdale, NJ: Lawrence Erlbaum Associates, Inc.
- Schyns, B. (2004). The influence of occupational self-efficacy on the relationship of leadership behaviour and preparedness for occupational change. *Journal of Career Development*, 30(4), 247-261.
- Seibert, S. E., Crant, J. M., & Kraimer, M. L. (1999). Proactive personality and career success. *Journal of Applied Psychology*, 84, 416–427.
- Seibert, S. E., Kraimer, M. L. (2001). The five-factor model of personality and career success. *Journal of Vocational Behavior*, 58, 1–21.
- Sekaran, U. (2000). Research methods for business: A skill-building approach (3<sup>rd</sup> ed.). New York: John Wiley & Sons, Inc.
- Sekaran, U. (2003). Research methods for business: A skill building approach (4<sup>th</sup> ed.). New Jersey: John Wiley & Sons, Inc.
- Sekaran, U. & Bougie, R. (2010). *Research methods for business: A skill building approach* (5th ed.). United Kingdom: John Wiley & Sons Ltd.

- Seo, Y., Ko, J., & Price, J. L. (2004). The determinants of job satisfaction among hospital nurses: A model estimation in Korea. *International Journal of Nursing Studies*, 41(4), 437-447.
- Shaffer, M. A., Harrison, D. A., Gregersen, H., Black, J. S., & Ferzandi, L. A. (2006). You can take it with you: Individual differences and expatriate effectiveness. *Journal of Applied Psychology*, 91, 109–125.
- Sidek, M. N. (2002). *Perkembangan Kerjaya: Teori dan Praktis*. Serdang: Penerbit Universiti Putra Malaysia.
- Siew, P. L., Chitpakdee, B., Chontawan, R. (2011). Factors predicting organizational commitment among nurses in state hospitals, Malaysia. *The International Medical Journal Malaysia*, 10(2).
- Simoens, S., Villeneuve, M. & Hurst, J. (2005). *OECD Health Working Papers No.* 19, Tackling Nurse Shortages in OECD Countries. OECD, Paris.
- Smith, H. W., Hood, J. N., Waldman, J. D., & Smith, V. L. (2005). Creating a favourable practice environment for nurses. *Journal of Nursing Administration*, 35(12), 525-532.
- Sonali, S. (2005). Career success of disabled high-flyers. London: Jessica Kingsley.
- Spector P. E. (1997). *Job satisfaction*. Sage Publication, Thousand Oaks, CA.
- Spector, P. E. (1985). Measurement of human service staff satisfaction: Development of the job satisfaction survey. *American Journal of Community Psychology*, 13, 693-713.
- Spector, P. E. (2008). *Industrial and organisational behaviour* (5th ed.). New Jersey: John Wiley & Sons.
- Spurk, D., Abele, A. E., & Volmer, J. (2014). The career satisfaction scale in context: A test for measurement invariance across four occupational groups. *Journal of Career Assessment*, 1-19.
- Stamps, P. L. (1997). *Nurses and work satisfaction: An index for measurement* (2nd ed.). Chicago, IL: Health Administration Press.

- Stewart, B. M., & Krueger, L. E. (1996). An evolutionary concept analysis of mentoring in nursing. *Journal of Professional Nursing*, 12, 311-321.
- Swift, J. (2007). Career Path Overall job satisfaction falls despite wage rises. Post Magazine, 22.
- Tang, W. M., & Ghani, M. F. A. (2012). Job satisfaction among the nurse educators in the Klang Valley, Malaysia. *International Journal of Nursing Science*, 2, 29–33.
- The Star Online. (2012). *Costly job hopping*. Retrieved on 21 February, 2016 from <a href="http://www.thestar.com.my/News/Nation/2012/02/19/Costly-job-hopping/">http://www.thestar.com.my/News/Nation/2012/02/19/Costly-job-hopping/</a>
- Tice, D. M., & Wallace, H. M. (2003). The reflected self: creating yourself as (you think) others see you. New York: Guilford Press.
- Tjosvold, D., & Tjosvold, M. M. (1995). Cooperation theory, constructive controversy, and effectiveness: Learning from crises. San Francisco: Jossey-Bass.
- Tourigny, L., & Pulich, M. (2005). A critical examination of formal and informal mentoring among nurses. *The Health Care Manager*, 24, 68-76.
- Turban, D. B., Dougherty, T. W., & Lee, F. K. (2002). Gender, race and perceived similarity effects in developmental relationships: The moderating role of relationship duration. *Journal of Vocational Behavior*, 61, 240-262.
- Valcour, M., & Ladge, J. J. (2008). Family and career path characteristics as predictors of women's objective and subjective career success: Integrating traditional and protean career explanations. *Journal of Vocational Behavior*, 73, 300–309.
- Van Emmerik, I. J. H. (2004). The more you can get the better: Mentoring constellations and intrinsic career success. *Career Development International*, 9(6), 578-594.

- Van Vianen, Annelies E. M. (1999). Managerial self-efficacy, outcome expectancies, and work-role salience as determinants of ambition for a managerial position. *Journal of Applied Social Psychology*, 29(3), 639-665.
- Vance, C. (1977). A group profile of influentials in American nursing. M.S. dissertation: Columbia University Teacher's College.
- Volmer, J., & Spurk, D. (2011). Protean and boundaryless career attitudes: Relationships with subjective and objective career success. *Journal for Labour Market Research*, 43, 207-218.
- Wanberg, C. R., Welsh, E. T., & Hezlett, S. A. (2003). Mentoring research: A review and dynamic process model. *Research in Personnel and Human Resources Management*, 22, 39–124.
- Weng, L. C., Dai, Y., Huang, H. L., & Chiang, Y. J. (2008). Effects of self-efficacy, self-care behaviours on depressive symptom of Taiwanese kidney transplant recipients. *Journal of Clinical Nursing*, 17, 1786–1794.
- Whitely, W., Dougherty, T. W., & Dreher, G. F. (1991). Relationship of career mentoring and socioeconomic origin to managers' and professionals' early career progress. *The Academy of Management Journal*, 34(2), 331-351.

- Wills, C., & Kaiser, L. (2002). Navigating the course of scholarly productivity: The protégé's role in mentoring. *Nursing Outlook*, 50, 61-66.
- Wikipedia (2016). Retrieved on 16 June, 2016 from http://en.wikipedia.org/wiki/Health\_professional.
- Wood, J. V. (1989). Theory and research concerning social comparison of personal attributes. *Psychology Bulletin*, 106, 231-248.
- Wood, R., & Bandura, A. (1989). Impact of conceptions of ability on self-regulatory mechanisms and complex decision making. *Journal of Personality and Social Psychology*, 56, 407–415.

- Xu, Y., & Kwak, C. (2007). Comparative trend analysis of characteristics of internationally educated nurses and U.S. educated nurses in the United States. *International Nursing Review*, 54(1), 78-84.
- Yoder, L. (1990) Mentoring: A concept analysis. *Nursing Administration Quarterly*, 15, 9-19.
- Zeldin, A. L., & Pajares, F. (2000). Against the odds: Self-efficacy beliefs of women in mathematical, scientific, and technological careers. *American Educational Research Journal*, 37(1), 215–246.
- Zey, M. G. (1985). Mentor programs: Making the right moves. *Personnel Journal*, 64, 53-57.
- Zeytinoglu, I. U., Cooke B. G., & Mann, L. S. (2010). Employer offered family support programs, gender and voluntary and involuntary part-time work. *Industrial Relations*, 65(12), 177–195.
- Zikmund, W. G. (2003). *Business Research Methods* (7th ed.). Thomson/South-Western.
- Zizzo, K., & Xu, Y. (2009). Post-hire transitional programs for international nurses: A systematic review. *Journal of Continuing Education in Nursing*, 40(2), 57-64.