FACTORS AFFECTING CAREER CHOICE AMONG UNDERGRADUATE STUDENTS IN UNIVERSITI UTARA MALAYSIA, SINTOK, KEDAH

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 $\mathbf{B}\mathbf{y}$

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Othman Yeop Abdullah Graduate School of Business,
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ABSTRAK

Pilihan kerjaya telah menjadi salah satu aspek kritikal dalam kehidupan individu iaitu kerjaya yang dipilih akan menentukan corak peranan yang perlu dimainkan oleh individu dalam masyarakat pada masa akan datang dan pilihan kerjaya adalah salah satu proses penting dalam hidup seseorang. Tujuan kajian ini adalah untuk mengkaji faktor-faktor yang mempengaruhi pilihan kerjaya pelajar. Kajian ini memberi tumpuan kepada pelajar sarjana muda di Universiti Utara Malaysia, Sintok, Kedah. Pelajar ijazah dipilih kerana selepas tamat pengajian, mereka orang yang akan berdepan dengan membuat keputusan dalam pilihan kerjaya. Seramai 315 pelajar yang menjawab soal selidik ini. Perisian Pakej Statistik Untuk Sains Sosial (SPSS) Versi 22.0 telah digunakan untuk menganalisis data yang dikumpul. Kebolehpercayaan analisis, model regresi dan korelasi telah digunakan untuk kajian ini. Keputusan analisis Pearson kolerasi menunjukkan bahawa pengaruh keluarga, minat peribadi, dan pertimbangan ekonomi mempunyai hubungan positif terhadap pilihan kerjaya. Selain itu, keputusan analisis regresi menunjukkan bahawa bahawa minat peribadi memberi pengaruh yang besar kepada pilihan kerjaya berbanding dengan pengaruh keluarga dan pertimbangan ekonomi. Cadangan untuk meningkatkan lagi kajian pada masaa akan datang supaya menyiasat faktor-faktor penting lain yang mempengaruhi pilihan kerjaya pelajar.

ABSTRACT

One of the critical aspects of an individual's life is career choice as a career chosen will determine the role pattern need to be played by the individual in the society in the future and the career choice is one of the important processes in life. The aim of this study is to investigate the factors that influencing the career choice of the students. This study is focus on undergraduate students in university Utara Malaysia, Sintok, Kedah. Undergraduate students were chosen because right upon graduation, they were the one who will be dealing with the decision on career choice. A total number of 315 students responded to the questionnaire. Statistical Package software for Social Science (SPSS) Version 22.0 was used to analyze the collected data. Reliability analysis, multiple regressions and correlation were applied to this study. Pearson correlation analysis results showed that the influence of family, personal interests, and economic considerations have a positive relationship to career choices. Moreover, the results of regression analysis showed that the personal interests exerted great influence on the choice of a career compared to family influence and economic considerations. Recommendations for further study in the future in order to investigate other important factors that influence students' career choices.

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LIST OF ABBREVIATIONS

SES Socio-economic status

TDA Training and Development Agency

GDP Gross Domestic Product

SCCT Social Cognitive Career Theory

CDS Career Decision Scale

HEI Higher Education Institution

U.S United States

SII Strong Interest Inventory

GRS General Reference Sample

MoHE Ministry of Higher Education

SPSS Statistical Package for Social Science

UUM Universiti Utara Malaysia

GPA Grade Percentage Average

COB College of Business

COLGIS College of Law, Government and International studies

CAS College of Science and Art

DV Dependent Variable

IV Independent Variable

CHAPTER 1

INTRODUCTION

1.1 Background of Study

Career choice has become one of the critical aspects of an individual's life as a career chosen will determine the role pattern need to be played by the individual in the society in the future. According to Sidek Mohd Noah (2002), Parson states that career choice is one of the most important processes in an individual's life as one would enter the real working environment. Therefore, career choice has become one of the biggest problems face by the students.

The trait and behavior researchers such as Holland, Super and Nowak beliefs that career choice must be consistent with the desire and interest of the individual. The consistent and secure career choice decision will reduce and prevent the individual's tendency to change the job or change the field of study in a short period of time. Career selection is an ongoing process which starts from the childhood perception on job up to the school level, higher education and adult perspectives as presented by Super (Ishamumudin Hj. Ismail, 2007).

Generally, graduates in the age of 19 to 24 years age group which still in a deep career fields exploration level. In the career selection process, there are many factors that become the foundation of selection for certain fields of career among the students or graduates. Commonly, students around the world had faced the undertaking of career's decision. The selection of career, field of study, courses in

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References

- Ahmad Baharuddin Abdullah (2007). Kerjaya dalam bidang Kejuruteraan. Kuala Lumpur: PTS Professional Publishing Sdn. Bhd.
- Ahmad Rusli & Mansor Nur Naha (2012). Proses Kognitif, Pembuatan Keputusan Dan Pemilihan Kerjaya. Kajian Emperikal Menggunakan Perspektif Peta Kognitif, *Jurnal Kemanusiaan Bil.20, ISSN: 1675-1930*.
- Ashley & Bill Boyd (2006). Quantitative and qualitative approaches to research in environmental management, *Australasian Journal of Environmental Management (Impact Factor: 0.55). 06/2006; DOI: 10.1080/14486563.2006.10648674.*
- Austin C. Y. (2004). Factors Influencing African American High School Students in Career Decision-Making Self-Efficacy and Engineering Related Goal Intentions. (Doctoral dissertation). Retrieved from ProQuest Dissertations and Theses. UMI Number: 3379343
- Baines J. (2009). What Are The Factors That Shape The Career Decisions Of LSE Students?. Dissertation MA Career Education Information and Guidance in Higher Education, University of Reading
- Bandura, A. (1977). Self-efficacy: Toward a unifying theory of behavioral change, *Psychological Review*, 84, 191-215.
- Bandura, A., Barbaranelli, C., Caprara, G.V., & Pastorelli, C. (2001). Self-efficacy beliefs as shapers of children's aspirations and career trajectories, *Child Development*, 72, 187-206.
- Beardwell I. & Holden L. (1997). *Human Resource Management: A Contemporary Perspective*, London: Financial Times: Pitman.
- Borchert M. (2002). Career choice factors of high school students. *Unpublished Master of Science thesis. University of Winsconsin- Stout. Hopkins*.
- Bowlus A. & Liu H. (2003). The Long-term Effects of Graduating from High School During a Recession: Bad Luck or Forced Opportunity?, *University of Western Ontario*, CIBC Centre for Human Capital and Productivity Working Papers 20037, JEL classification: J3, E3
- Boyer & Ernest L (1983). High School: A Report on Secondary Education in America, New York:Harper & Row.

- Bradley, R. W., & Mims, G. A. (1992). Using family systems and birth order dynamics as the basis for a college career decision-making course, *Journal of Counseling and Development*, 70, 445–448
- Britannica. (2002). Encyclopedia Britannica online. Retrieved on 7th October 2014, from http://search.eb.com/search?query=environment&x=10&y=9
- Castelino P. (2004). Factors Influencing Career Choices Of South Asian Americans:

 A Path Analysis. Doctoral Dissertation). Retrieved From Proquest Dissertations And Theses. Umi Number: 3143909
- Creswell, J. W. (2003). Research design: Qualitative, Quantitative, And Mixed Methods Approaches, Thousand Oaks, Calif., Sage Publications
- Davey, F.H. (1993). The occupational aspirations and expectations of senior high school students, *Guidance and Counseling*, 8, 20-19.
- DeCoster M. (2004). Meta-Analysis Notes, retrieved on November 15th, 2014 from http://www.stat-help.com/notes.htm
- Desimone, Werner & Harris (2002). *Human Resource Development, United States of America:* Harcourt College Publishers
- Dolton (1996). Modelling the labour market for teachers: some lessons from the UK, *Education Economics*, *4*, *2*, *187-206*.
- Dolton, P. & Makepeace, G. (1993). Female labour force participation and the choice of occupation, *European Economic Review*, 37, 7, 1393-1411.
- Elkin, K. & Handel, G. (1978). The child and society: The process of socialization . New York: Random House
- Fouad, N. A., Harmon, L. W., & Hensen, J. C. (1994). Cross-cultural use of the Strong. In L. W. Harmon, J. C. Hansen, F. H. Borgen, & A. L. hammer (Eds.), Strong Interest Inventory: Application and technical guide. *Palo Alto, CA: Consulting Psychologists Press*.
- Forojalla, B. (1993). *Educational planning for development, New York*: St Martin's Press.
- Erikson, E. H. (1968). *Identity, youth, and crisis,* New York: Norton.
- Ginzberg, Eli (1951). Occupational Choice, New York: Columbia University Press.
- Gordon, V.N. (1984). The Undecided college student: An academic and career advising challenge. *Springfield, IL: Charles C. Thomas*

- Gottfredson L. S. (1981). Circumscription and compromise; A Development theory of occupational Aspirations, *Journal of Counseling Pshychology*, 28, 545-579
- Gottfredson, L. S. (1996). Gottfredson's theory of circumscription and compromise. In D. Brown & L. Brooks (Eds.), *Career choice and development: Applying contemporary approaches to practice (3rd ed., pp. 179–232).* San Francisco, CA: Jossey-Bass.
- Gottfredson, L. S. (2002). Gottfredson's theory of circumscription, compromise, and self-creation. In D. Brown & Associate (Eds.), *Career choice and development (4th ed., pp. 85–148)*. San Francisco, CA: Jossey-Bass.
- Gottfredson, L. S. (2005). Applying Gottfredson's theory of circumscription and compromise in career guidance and counseling. In S. D. Brown & R. T. Lent (Eds.), *Career development and counseling: Putting theory and research to work (pp. 71–100)*. Hoboken, NJ: Wiley.
- Hair, J. F. J., Babin, B., Money, A. H., & Samouel, P. (2003). *Essential of business research methods*. United States of America: John Wiley & Sons
- Hairunnaja Najmuddin (2005). Membimbing Remaja Memilih Pendidikan & Kerjaya. Pahang: *PTS Professional Publishing*
- Hansen, J. C. (1978). Sex differences in vocational interests: Three levels of exploration. In C. K. Tittle & D. G. Zytowski (eds.). Sex-fair interest measurement: Research and Implications. Washington, DC: U.S. Government Printing Office
- Hansen, K. (1999). A qualitative assessment of student interest in science education. *Studies in Educational Evaluation*, 25(4), 399-414.
- Harmon, L. W., Hansen J. C., Borgen, F. H., & Hammer, A. L. (1994). Applications and technical guide for the Strong Interest Inventory. *Palo Alto, CA: Consulting Psychologists Press.*
- Havighurst, R. J. (1972). *Developmental tasks and education*. Edinburgh: Longman Group United Kingdom.
- Healy, C.C. (1982). Career Development: Counseling Through the Life Stages. Boston; Allyn and Bacon
- Herr, E. (1998). Some Perspectives on Career Development Theory and Practice Today. Retrieved October 26, 2014, from http://icdl.uncg.edu/ft/022200-02.html

- Hesketh, B., & Rounds, J. (1995). *International cross-cultural approaches to career development*. In W.B. Walsh & S.H. Osipow, Handbook of vocational psychology: Theory, research, and practice (2nd ed., pp. 367-390). Mahwah, NJ: Erlbaum
- Henderson, S., Hesketh, B., & Tuffin, K. (1988). A test of Gottfredson's theory of circumscription. *Journal of Vocational Behavior*, *32*, *37-48*
- Holland, J. L. (1992). *Making Vocational Choice*(2nd ed.). Odessa, FL: Psychological Assessmet Resources
- Holland, J. F. (1997). *Making vocational choices* (3rd ed.). Englewood Cliffs, NJ: Prentice-Hall.
- Hoyt, K. B., &Lester (1995). J. N. *Learning to Work*. Alexandria, VA: National Career Development Association.
- Hutchings M. (2010). What impact does the wider economic situation have on teachers' career decisions? A literature review. Institute for Policy Studies in Education, London Metropolitan University
- Ishammudin Hj.Ismail (1997). TinjauanTerhadap Fa ktor-Faktor Yang Berkaitan denganPemilihan Kerjaya Pelajar-Pelajar Di Pusat Matrikulasi Universiti IslamAntarabangsa Malaysia. *Thesis Sarjana Pendidikan Universiti Kebangsaan Malaysia.unpublished journal.*
- Janis, I.L., & Mann, L. (1977). Decision making: A psychological analysis of conflict, choice, and commitment. *New York: The Free Press*.
- Ji-Hyeon Kim (2001). The Relationships Among Gender, Gender Identity Factors And Career-Decision-Situation-Specified Personality Traits, (Doctoral Dissertation). Retrieved From Proquest Dissertations And Theses. UMI Number: 3038041
- John, O. P. (1990). *The "Big Five" factor taxonomy: Dimensions of personality in the natural language and questionnaires*. In L. A. Pervin (Ed.) Handbook of personality: Theory and research (pp. 66-100) New York: Guilford Press
- John W.Creswell (2003). Research Design Qualitative, Quantitative. And Mixed Methods Approaches, copyright O Sheldan Collins Corbis; Sage Publications, Inc

- Jude J. Obiunu (2013). Situational Factors as Correlates of Secondary SchoolAdolescents Students Career Choice in Ethiope East, Local Government Area of Delta State International Review of Social Sciences and Humanities, Vol. 5, No. 2 (2013), 106-114
- Kahn, Lisa (2005). 'The Long-Term Labor Market Consequences of Graduating College in a Bad Economy.' Mimeo, Harvard University.
- Kail, R, & Cavanaugh, J. (2004). *Human development: A life-span view (3th ed.)*. Belmont, CA: Wadsworth/ Thomson
- Koc, E.L. (2008). NACE Research: the oldest young generation a report from the 2008 NACE Graduating Student Survey. *Journal (NACE)*: 23-28.
- Krejcie, Morgan (1970). Determining sample size for research activities. Educational and Psychological Measurement, *30*, *607-610*
- Krumboltz, J. D. (1975). A social learning theory of career decision making. In A. M. Mitchell, g. B. Jones, & J. D. Krumboltz (Eds.), A social learning theory of career decision making (pp. 13-39). Palo Alto, CA: American Institutes for Research.
- Kush, K., & Cochran, L. (1993). Enhancing sense of agency through career planning. *Journal of Counseling Psychology*, 4(4), 434-439.
- La T. Thuy (2009). Factors Influencing The Educational And Career Choices Of Senior High School Students: A Case Study In Vietnam. (Doctoral dissertation). Retrieved from ProQuest Dissertations and Theses. UMI No. 3378315
- Lent, R. W., Brown, S. D., & Hackett, G. (1994). Toward a unified social cognitive theory of career and academic interest, choice, and performance. *Journal of Vocational Behavior*, 45, 79–122.
- Lent, R. W., Brown, S. D., & Hackett, G. (2002). Social cognitive career theory. In D. Brown & Associate (Eds.), Career choice and development (4th ed., pp. 255–311). San Francisco, CA: Jossey-Bass.
- Lent R. W., Brown S. D., Hackett G (2000). Contextual supports and barriers to career choice: A social cognitive analysis. *Journal of Counseling Psychology*, 47,36–49.
- Lent, R. W. (2005). A social cognitive view of career development and counseling. In S. D. Brown & R. T. Lent (Eds.), *Career development and counseling: Putting theory and research to work (pp. 101–127)*. Hoboken, NJ: Wiley.

- Leong, F. T. L. (1986). Counseling and psychotherapy with Asian-Americans: Review of the literature. *Journal of Counseling Psychology*, *33*, *196-206*
- Leong, F.T.L. & Brown, M. T. (1995). *Theoretical Issues on Cross cultural Career Development; Cultural Validity and Cultural Specificity*, Mahwah, NJ: Lawrence Erlbaum Associates, Inc
- Leong, F. T. L. & Chou, E. L. (1994). The role of ethnic identity and acculturation in the vocational behavior of Asian Americans: An integrative review. *Journal of Vocational Behavior*, 44(2), 155–172.
- Leung, S. A. (2004). Methodological issues in conducting vocational psychology research in Chinese communities. *Paper presented at the 28th International Congress of Psychology, Beijing, China.*
- Miller, M.J., & Miller, T.A. (2005). Theoretical application of Holland's theory to individual decision-making styles: Implications for career counselors. *Journal of Employment Counseling*, 42, 20-28. *Johnson's* (1978)
- Muhamed Awang (1994). Keperluan Kajian Tentang Pakar dan Kepakaran di Malaysia. Bangi: *Jabatan Psikologi Universiti Kebangsaan Malaysia*
- Nairne, J.S. (2003). *The architecture of immediate retention: A multinomial model.* Keynote address at the British Psychological Society, Reading, England
- Newman, B. & Newman, P. (2003). *Development through Life, Belmont*: Thompson Learning.
- Neuman, W. L. (2003). *The Meanings of Methodology: Social Research Methods.* 5th ed. Boston, MA: Allyn & Bacon
- Ogunsanwo M. A. (2000). The use of occupational information by counsellor, J. Counsel. *Assoc. Nig.*, 18(1) (2000), 88-96.
- Olamide S. & Oluwaseun S. (2013). The Factors Determining the Choice of Career Among Secondary School Students. *The International Journal Of Engineering And Science (IJES)*, *Volume 2,Issue 6 Pages 33-44, ISSN(e)*: 2319 1813
- Onijigin, E.O. (2009). Financial Benefit, Prestige of the Profession and Job Security as Correlates of Career Aspiration of Secondary School Students in Ekiti State, Nigeria. *Pakistan Journal of Social Sciences*, Vol 6, Issue 4, pp. 190-193.

- Oyamo, O. R., & Amoth, D (2008). Choice of final year options by undergraduate students at the Moi School of Information Sciences, *East African Journal of Information Science*.
- Parsons, F. (1909). *Choosing a Vocation, Boston*: Houghton Mifflin Company.
- Peng, S. & Wright, D. (1994). Explanation of Academic Achievement of Asian American Students. *Journal of Educational Research*, 87, 346-352.
- Pervin, L. A., & John, O. P. (1997). *Personality: Theory and research (7th ed.)*. New York: John Wiley & Sons
- Peterson M. (1973). Application of Vocational Development Theory to Career Education. *Information Series No. 80. VT 020 368*
- Polgar S. & Thomas S.A. (2000). *Introduction to research in the health sciences.* 4th ed. Edinburgh, Churchill Livingstone.
- Rounds, J., & Tracey, T. J. (1996). Cross-cultural structural equivalence of the RIASEC models and measures. *Journal of Counseling Psychology*, 43, 310–329.
- Ryckman, R. M. (2004). *Theories of personality*. United States of America, USA: Wadsworth.
- Olamide S. & Oluwaseun S. (2013). The Factors Determining the Choice of Career Among Secondary School Students. *The International Journal Of Engineering And Science (IJES)*, *Volume 2,Issue 6 Pages 33-44*, *ISSN(e)*: 2319 1813
- S. Alvin Leung (2008). "The Big Five Career Theories", International Handbook of Career Guidance.
- Salami S. O. (2004). A part model to examine factors influencing career orientation of school going adolescents in Nigeria, *Int. J. Adv. Counsel*, 26(1) 79-94
- Sarantakos, S. (1993). Social research. Melbourne: Macmillan Education Australia.
- Savickas, M. L. (1997). Career adaptability: An integrative construct for life-span, life-space theory. *Career Development Quarterly*, 45, 247–259.
- Savickas, M. L. (2002). Career construction: A developmental theory of vocational behavior. In D. Brown & Associate (Eds.), Career choice and development (4th ed., pp. 149–205). San Francisco, CA: Jossey-Bass.

- Savickas, M. L. (2005). *The theory and practice of career construction. In S. D. Brown & R. T. Lent (Eds.)*, Career development and counseling: Putting theory and research to work (pp. 42–70). Hoboken, NJ: Wiley
- Schultheiss, D. P. (2000). Emotional-social issues in the provision of career counseling.
- Schultz, D. P., & Schultz, S. E. (2005). *Theories of personality*. United States of America, USA: Wadsworth
- Sekaran, U. (2003). *Research method for business:* a Skill Building Approach (4th ed.). Denver: John Wiley & Sons.
- Sekaran, U. (2009). *Research Methods for Business*, A skill Building Approach, Wiley Publishing, India.
- Sekaran U. & Bougie, R. (2010). Research Methods for Business: A Skill Building Approach. UK: John Wiley & Sons.
- Sharp, W. Harry & Marra, Herbert A (1971). Factors related to classification of client problem, number of counseling sessions, and trends of client problems, *Journal of Counseling Psychology, Vol* 18(2), 117-122
- Shaffer, D.R (2002). Developmental Psychology: Childhood & Adolescence (6th Edition), Belmont CA; Wadsworth-Thompson Learning
- Schiefele, U., A. Krapp & A. Winteler (1992). Interest as a predictor of academic achievement: A meta-analysis of research, in K. A. Renninger, S. Hidi and A. Krapp (eds.), The Role of Interest in Learning and Development, Erlbaum, Hillsdale, *N.J.*, *pp.* 183-212
- Sidek Mohd Noah (2002). Perkembangan Kerjaya: Teori & Praktis. Serdang: Penerbit Universiti Putra Malaysia
- Sigelman, C.K. & Rider, E.A. (2003). *Life-Span Human Development* (4th Edition), Belmont, CA: Wardsworth
- Simon, H. (1976). Administrative Behavior (3rd ed.), New York: The Free Press
- Simon, H. (1991). *Models of My Life*, United States: Basic Books
- Sue, S. & Okazaki, S. (1990). Asian-American Educational Achievements: A phenomenon in Search of an Explanation. *American Psychologist*, 45(8), 913-920.

- Sue, D. W., & Frank, A. C. (1973). A typological approach to the psychological study of Chinese and Japanese American college males. *Journal f Social Issues*, 29, 129-148.
- Sue, D. W., & Kirk, B. A. (1972). Psychological characteristics of Chinese-American students. *Journal of Counseling Psychology*, 19, 471-478.
- Sue, D. W., & Kirk, B. A. (1973). Differential characteristics of Japanese-American and Chinese-American college students. *Journal of Counseling Psychology*, 20, 142-148.
- Sue, S. & Morishima, J. K. (1982). *The mental health of Asian Americans*. San Francisco: Jossey-Bass.
- Super D.E (1974). Measuring Vocational Maturity for Counseling and Evaluation. American Personnel and Guidance Association. Washington, DC.
- Super, D. W. (1969). Vocational development theory. *The Counseling Psychologist*, 1, 2–30.
- Super, D. W. (1980). A life-span, life-space approach to career development. *Journal of Vocational Behavior*, 16, 282–298.
- Super, D. E. (1990). *A life-span, life-space approach to career development*. In D. Brown & L. Brooks (Eds.), Career choice and development: Applying contemporary approaches to practice (2nd ed., pp. 197–261). San Francisco, CA: Jossey-Bass.
- Smith, P.L., & Fouad, N.A. (1999). Subject-matter specificity of self-efficacy, outcome expectancies, interests and goals: Implications for Social-Cognitive Model. *Journal of Counseling Psychology*, 46, 461-471.
- Tak, J. (2004). Structure of vocational interests for Korean college students. *Journal of Career Assessment*, 12, 298–311.
- Tang M., Fouad N. A., & Smith P. L. (1999). Asian Americans' career choices: A path model to examine factors influencing their career choices. *Journal of Vocational Behavior*, 54, 142–157
- Taylor, J., Harris, M. & Taylor, S. (2004). Parents have their say about their college aged children's career decisions. *National Association of Colleges and Employers Journal*, 64 (3)
- Tellegen, A. (1985). Structures of mood and personality and their relevance to assessing anxiety, with an emphasis on self-report. In A. H. Tuma & J. D.

- Maser (Eds.), Anxiety and the anxiety disorders (pp. 681-716). Hillsdale, NJ: Erlbaum.
- Thompson K. (2001). An Exploratory Study of Factors Influencing Career Certainty And Indecision Of High School Students In The Bahamas. (Doctoral dissertation). Retrieved from ProQuest Dissertations and Theses. UMI Number: 3013459
- Waller, B. (2006). Math interest and choice intentions of non-traditional African-American college students. *Journal of Vocational Behavior*, 68, 538-547. doi:10.1016/j.jvb.2005.12.002
- Sekaran U. & Bougie, R. (2010). Research Methods for Business: A Skill Building Approach. UK: John Wiley & Sons.
- Spokane, A. R., Meir, E. I., & Catalano, M. (2000). Person-environment congruence and Holland's theory: A review and reconsideration. *Journal of Vocational Behavior*, 57, 137-187
- Watson M. & McMahon M. (2007). School and work: connections made by South African and Australian primary school children, *South African Journal of Education*, *Vol* 27:565–577
- Weiler, N. (1977). *Reality and career planning*. Reading, MA: Addison-Wesley Publishing Company, Inc.
- Young, R.A. & amp; Collin, A. (2000). Introduction: framing the future of career, in Collin, A. & Collin, R.A. (Eds) The Future of Career, Cambridge, *Cambridge University Press*, pp1-17
- Yousseff. M. (1984). Factors Affecting Career Choice And Labor Market Success For Egyptian University Graduates. *The Ohio State University*. 217 pp. 46: 1054A, 8504101
- Zikmund, W. G., Babin, B. J., Carr, J. C., & Griffin M. (2010). *Business Research Methods*. Canada: South-Western, Cengage Learning.
- Zunker, V. G. (2006). *Career counseling: A holistic approach* (7th ed). Belmont, CA: Brooks/Cole Publishing Co.
- Zunker, V. G. (2008). Career, Work, and Mental Health: Integrating Career and Personal Counseling, Sage Publication, Inc