FACTORS INFLUENCING SELF-EMPLOYMENT INTENTION AMONG NIGERIAN POST-GRADUATE STUDENTS OF UNIVERSITI UTARA MALAYSIA (UUM)

ALI ILIYASU ALI

MASTER OF SCIENCE UNIVERSITY UTARA MALAYSIA NOVEMBER, 2014

FACTORS INFLUENCING SELF-EMPLOYMENT INTENTION AMONG NIGERIAN POST-GRADUATE STUDENTS OF UNIVERSITI UTARA MALAYSIA (UUM)

BY ALI ILIYASU ALI 815159

Thesis submitted to Othman Yeop Abdullah Graduate School of Business University Utara Malaysia

In Partial Fulfillment of the Requirement for the Master of Science (Management)

PERMISSION TO USE

In presenting this thesis as a part fulfillment to the requirement for a postgraduate degree from Universiti Utara Malaysia, I hereby agree that the university's library may make it unreservedly available for inspection. I further agree that the permission for copy of this thesis in any manner, in whole or part, for scholarly purposes may be granted by supervisor Dr Farrah Merlinda Muharam or, in her absence by the Dean of Faculty Othman Yeop Abdullah Graduate School of Business. It is understood that any copying or publishing or using of this thesis or parts thereof of financial gain shall not be allowed without any written permission. It is also understood that due recognition shall be given to me and to Universiti Utara Malaysia for any scholarly which may be made of any material from this thesis.

Request for the grant of permission to copy or make other use of material in this thesis in whole or in part should be address to:

Dean of Othman Yeop Abdullah Graduate School of Business

Universiti Utara Malaysia

06010 Sintok

Kedah Darul Amana

ABSTRAK

Laporan menunjukkan bahawa lebih dari 60 % belia di bawah 30 tahun berminat untuk memiliki perniagaan mereka sendiri. Walau bagaimanapun, hanya sebilangan kecil pelajar memulakan perniagaan selepas menamatkan pengajian disebabkan oleh hakikat bahawa menjadi seorang usahawan tidak dianggap sebagai kerjaya pilihan. Kajian ini bertujuan untuk melihat hubungan di antara pendidikan keusahawanan, pengalaman keusahawanan dan sikap keusahawanan sosial sebagai faktor yang mempengaruhi niat bekerja sendiri. Kajian ini dijalankan berdasarkan Teori Kelakuan Terancang (Theory of Planned Behavior, TPB), Teori Sosial Kognitif (Social Cognitif Theory, SCT) dan Teori Kerjaya Kognitif Sosial (Social Cognitive Career Theory, SCCT). Kaedah tinjauan kelolaan sendiri telah digunakan untuk mengedarkan soal selidik bagi mengumpul data primer melalui teknik persampelan rawak mudah daripada 113 pelajar pasca siswazah Nigeria di Universiti Utara Malaysia (UUM) yang berstatus aktif. Data yang dikumpul kemudian dianalisis secara statistik. Hasil kajian ini mendapati bahawa pendidikan keusahawanan, pengalaman keusahawanan dan sikap keusahawanan sosial berhubung positif dengan hasrat pelajar pasca siswazah Nigeria di UUM ke arah bekerja sendiri. Kajian ini memberi sumbangan yang diperkaya dengan pengetahuan dan implikasi besar kepada teori dan amalan keusahawanan. Ia juga memberi isyarat kepada pnggubal polisi seperti pihak berkuasa pendidikan dan kerajaan untuk melihat ke dalam pengaruh pendidikan keusahawanan, pengalaman keusahawanan lampau dan juga sikap keusahawanan sosial sebagai faktor-faktor yang mempengaruhi niat pelajar untuk bekerja sendiri.

Katakunci: Pendidikan keusahawanan, pengalaman keusahawanan, sikap keusahawanan social, niat bekerja sendiri.

ABSTRACT

Report shows that more than 60% of young individuals below 30 years of age are interested in owning their own business. However, only a small number of students start a business immediately after graduation due to the fact that being an entrepreneur is not considered as a career option. This study seeks to examine the relationship between entrepreneurship education, entrepreneurial experience and societal entrepreneurship attitude as factors influencing self-employment intention. The study was theoretically based on the Theory of Planned Behavior (TPB), Social Cognitive Theory (SCT) and Social Cognitive Career Theory (SCCT). Self-administered survey method was used to distribute questionnaire for collecting primary data through a simple random sampling technique from 113 Nigerian postgraduate students of Universiti Utara Malaysia (UUM) who are active in status. The collected data were then analyzed. The findings of this study found that entrepreneurship education, entrepreneurial experience and societal entrepreneurship attitude are positively related to UUM's Nigerian postgraduate student's intention towards self-employment. The study provides an enriched contribution to knowledge and significant implication to the theory and practices of entrepreneurship. It also signaled to policy makers such as education authority as well as government to look into the effect of entrepreneurship education, prior entrepreneurship experience as well as societal entrepreneurship attitude as influencing factors on students' intention of becoming self-employed.

Keywords: Entrepreneurship education, entrepreneurial experience, societal entrepreneurship attitude, self-employment intention.

ACKNOWLEDGEMENT

This Project paper is the concluding part of the Master of Science degree in Management Sciences at Universiti Utara Malaysia (UUM). In this section, I would like to express my gratitude and thankfulness to Almighty Allah, and to those who have been instrumental in the successful completion of my project.

First of all, my deep respect and sincere gratitude to my supervisor, Dr. Farrah Merlinda Muharam, for her assistance, guidance and constant encouragement during this research to materailize. She possesses characteristics that great supervisors should have: being approachable, friendly and providing sincere and well-intentioned feedback.

I would like to further my sincere appreciation to Othman Yeop Abdullah Graduate School of Business (OYAGSB), Universiti Utara Malaysia (UUM), the Student Affairs Department (HEA) and also the Student Accommodation Centre (SAC) who provided me with the data where my sample was drawn.

Also, my special thanks and appreciation to my state Governor, His Excellency, Engr. Dr. Mohammed Rabiu Musa Kwankwaso for sponsoring me among the 501 Kwankwasiyya Postgraduate Students Scholarship Program. I would also like to thank my parents and my family members for their unconditional support and understanding, especially my father Alhaji Iliyasu Ali who stood by me during my program.

TABLE OF CONTENTS

CERTII	FICATION OF STUDY	iv
PERMI	SSION TO USE	V
ACKNO	OWLEDGEMENT	vi
TABLE OF CONTENTS		vii
LIST OF TABLES		xi
LIST OF FIGURES		xii
ABSTRAK		xiii
ABSTRACT		xiv
CHAPTER ONE - INTRODUCTION		1
1.1	Background of the Study	1
1.2	Problem Statement	4
1.3	Research Objectives	5
1.4	Research Questions	6
1.5	Scope of the research and limitation	6
1.6	Significance of the Research	6
1.7	Definition of Variables	8
1.8	Organization of the Research	8
CHAPTER TWO - LITERATURE REVIEW		10
2.1	Introduction	10

2.2	Concept and classification of entrepreneurship	10
2.3	Self-employment Intention	11
2.4	Concept and classification of Entrepreneurship Education	12
2.5	Entrepreneurial Experience	13
2.6	Societal Entrepreneurship Attitude	15
2.6	Nigerian Culture and Attitude towards Entrepreneurship	18
2.7	Theoretical perspectives	20
2.7	.1 Theory of Planned Behavior (TPB)	21
2.7	.2 Social Cognitive Theory (SCT)	23
2.7	Social Cognitive Career Theory (SCCT)	25
2.8	Conceptual Framework	26
2.9	Research Hypothesis	27
2.10	Summary	28
CHAPTER THREE - METHODOLOGY		29
3.1	Introduction	29
3.2	Research Design	29
3.3	Population and Sampling	32
3.4	Instrumentation	32
3.5	Reliability and Validity	33
3.5	.1 Content Validation	33
3.5	.2 Construct Validation	34
3.5	.3 Pilot Testing	34
3.6	Procedure of Data Collection	36
3.7	Data Analysis	38
3.8	Data Coding	38

	3.9	Summary	41
CHAPTER FOUR - DATA ANALYSIS AND FINDINGS		42	
	4.1	Introduction	42
	4.2	Data Cleansing and Screening	42
	4.3	Detection and Treatment of Outliers	43
	4.4	Response Rate	43
	4.5	Demographic Characteristics	44
	4.6	Reliability Analysis	46
	4.7	Descriptive of the Constructs	47
	4.8	Normality	48
	4.9	Linearity Test	49
	4.10	Pearson Correlation Analysis	52
	4.11	Multiple Regression	54
	4.12	Summary	55
CHAPTER FIVE-DISCUSSION, RECOMMENDATIONS AND CONCLUSION 57			
	5.1	Introduction	57
	5.2	Overview of the research	57
	5.3	Discussion	58
	5.3 and	1 Discussion of the relationship between Entrepreneurship Education Self-employment Intention (SEI)	(EE) 58
	5.3 (EE	Discussion of the relationship between Entrepreneurship Experience (XX) and Self-employment Intention (SEI)	59
	5.3	3 Discussion of the relationship between Societal Entrepreneurship	
	Att	itude (SEA) and Self-employment Intention (SEI).	59
	5.3	4 Summary of the Findings	60

5.4	Implication of the Study	60
5.5	Limitations and Recommendations for future studies	61
5.6	Conclusion	62
REFER	ENCES	64
APPEN	DICES	75
Append	lix I: Research Questionnaire	75
Append	ix II: Tables of Results	80
Append	lix III: A table from HEA showing the number of Nigerian Postgraduate St	udents
of UUN	I, Malaysia.	82

LIST OF TABLES

Table	Pages
3.1 Reliability Statistics	36
3.4 Self-employment Intention	38
3.5 Entrepreneurship Education	39
3.6 Previous Entrepreneurial Experience	39
3.7 Societal Entrepreneurship Attitude	40
4.1 Summary of Response Rate	44
4.2 Demographic Characteristics of Respondents	45
4.3 Entrepreneurial characteristics of the Respondents	46
4.4 Cronbach's Alpha Result	47
4.5 Descriptive Analysis of the Constructs.	48
4.6 Test of Normality	49
4.7 Multicollinearity Diagnostic Result	50
4.8 Pearson Correlation Analysis	53
4.9 Multiple Regression Results	54
4.10 Summary of the findings	56

LIST OF FIGURES

Figure	Pages
2.1 The Theory of Planned Behaviour (Source: Ajzen (1991)	21
2.2 Social Cognitive Theory (Source: Bandura, (1986)	24
2.3 Proposed Conceptual Framework	27
3.1 Research methodology framework	31
3.2 Procedure for Data Collection	37
4.1 Regression Standardized Residual Plot	51
4.2 Normal P-P Plot of the Regression Standardized Residual	52

CHAPTER ONE

INTRODUCTION

1.1 Background of the Study

Entrepreneurship is a global phenomenon affected by the emergence of new small and innovative start-up businesses, which is positively resulting in economic growth across the world. Due to these new small businesses positive contributions to the economy, it plays a significant role in creating new jobs, influencing governments to recognize and support entrepreneurial start-up activity. In the early days, entrepreneurship was traditionally viewed and supported by the economist as a mechanism that is responsible for economic expansion (Cole, 1965; Weber, 1930) due to its profit oriented association, as well as the formation of new markets and capital investment (Cantillon, 1755; Schumpeter, 1934).

According to the Global Entrepreneurship Monitor (GEM, 2000) report, society's key social and cultural norms are the general attitude of the public towards entrepreneurship as well as the understanding and support of its importance in that society. For instance, in a study that was conducted in several European countries, it was found that society's negative stance concerning change, innovation and creativity drastically reduced the number of people involved in forming or starting a new business.

Entrepreneurship from an academic point of view is still generally considered a new area even though its origin can be dated back to the seventeenth century, when an economist, Richard Cantillon gave the term, 'entrepreneur' (Cantillon, 1755). Numerous

The contents of the thesis is for internal user only

REFERENCES

- Ajzen, I. (1991). The theory of planned behavior. *Organisational Behavior and Human Decision Processes*, 50, 179-211.
- Ajzen, I. (2001). Attitudes. Annual Review of Psychology 52, 27-58.
- Akpan, C. & Etor, C. (2013). University lecturers' perception of entrepreneurship education as an empowerment strategy for graduate self- employment in south-south Nigeria. *International Journal of Asian Social Scienc*, *3*(5), 1180–1195.
- Ali, I., Yilmaz, A.K., Ali, J.F., & Afzal, H. (2010). Effects of national culture on entrepreneurial intentions. *Business Transformation through Innovation and Knowledge Management: An Academic Perspective*.
- Aloku, (2000). Socio-cultural Dimensions of Motivation and Management. In:

 Introduction to Industrial Sociology, O. A. Ogunbameru and P.E. Oribabor (Eds.).Nigeria: Obafemi Awolowo University Press.
- Aluko, M. A. O. (1998). Factors that motivate the Nigerian Workers. *Ife Social Science Review, Obafemi Awolowo University, Ile-Ife, 15*, 1, 190-199.
- Anderson, A. (2000). Paradox in the Periphery: an entrepreneurial reconstruction.

 Entrepreneurship and Regional Development, 12, 91-109.
- Autio, E., Keeley, R., Klofsten, M., Parker, G., & Hay, M. (2001). Entrepreneurial intent among students in Scandinavia and the USA. *Enterprise and Innovation Management Studies*, Vol. 1, 2, 145-60.
- Babbie, E. (2010). The practice of social research. Belmont, CA; Wadsworth
- Bandura, A. (1977). Social Learning Theory. Prentice Hall, Englewood Cliffs, NJ.

- Bandura, A. (1986). Social foundation of thought and action: A social cognitive theory.

 Englewood Cliffs, NJ: Prentice Hall.
- Bird, B. (1988). Implementing entrepreneurial ideas: The case for intention. *Academy of Management Review*, 13, 3, 442-453.
- Brockhaus, R. H. (1982). The psychology of the entrepreneur. In C.A. Kent, D.L. Sexton and Bruyat, C., & Julien, P.A. (2001). Defining the field of research in entrepreneurship.
- Cantillon, R. (1755) Essai sur la Nature du Commerce en General, H. Higgs (ed.), (1931) Macmillan, London.
- Chen, C.C., Greene, P.G., & Crick, A. (1998). Does entrepreneurial self-efficacy distinguish entrepreneurs from managers? *Journal of Small Business Venturing*, 13, 4, 295-316.
- Cole, A.H. (1965). *An approach to the study of entrepreneurship*, In Aitken, H.G. (Ed.), Explorations in enterprise, Harvard University Press, Cambridge, Mass, 30-44.
- Crant, J.M. (1996). The proactive personality scale as a predictor of entrepreneurial intentions. *Journal of Small Business Management*, *34*, 3, 42-49.
- Davidsson, P., J. & Wiklund (1997). Values, beliefs and regional variations in new firm formation rates. *Journal of Economic Psychology*, *Vol. 18*, No. 2, Elsevier, pp. 179-199.
- Douglas, E.J. & Shepherd, D.A. (2002). Self-employment as a Career Choice: Attitudes, entrepreneurial intentions, and utility maximization. *Entrepreneurship Theory and Practice*, 26, 3, pp.81-90.

- Dyke, L., Fischer, E., & Reuber, A. (1992). An inter-industry examination of the impact of owner experience on firm performance. *Journal of Small Business Management*, 30.
- Emmanuel, S., & Adejoke, B. (2012). Entrepreneurial intention among business and counseling students in Lagos state university, Sandwich Programme, *3*(14), 64–72.
- Etzioni, A. (1987). Entrepreneurship, adaptation and legitimation: A macro-behavioral perspective. *Journal of Economic Behavior and Organization*, *8*,175-189.
- Fayolle, A., & Degeorge, M. (2006). *International entrepreneurship education: Issues and newness*. Eds. Fayolle, A., and Klandt, H Edward Elgar Publishing, USA.
- Fishbein, M.A. & Ajzen, I. (1975). *Belief, attitude, intention and behavior: an introduction to theory and research*. Reading, MA, Addison Wesley.
- Fukuyama, F. (2001). Culture and economic development: Cultural concerns.

 International Encyclopedia of the Social and Behavioral Sciences, Elsevier,

 *Amsterdam et al., pp. 3130-3134.
- Geletkanycz, M.A. (1997). The salience of 'culture's consequences': The effects of cultural values on top executive commitment to the status quo. *Strategic Management Journal*, 18(8): 615-634.
- Glanz, K., Rimer, B.K. & Lewis, F.M. (2002). *Health Behavior and Health Education: Theory, Research and Practice*. San Fransisco: Wiley and Sons.
- Global Entrepreneurship Monitor (GEM). (2000).
- Gorman, G., Hanlon, D., & King, W. (1997). Some research perspectives on entrepreneurship education, enterprise education, and education for small business management: A ten year literature review. *International Small Business Journal*, 15, 3, 56-77.

- Griffin, C. & D. Hammis, (2001). What comes after what comes next, self-employment as the logical descendant of supported employment. Baltimore; Paul Brookers Publishing Co. 1st Edn., pp: 108-109 ISBN: 987-2046-52-5.
- Hair, J.F., Black, W.C., Babin, B.J. & Anderson, R.E. (2010). *Multivariate Data Analysis*. Seventh Edition. NJ. Prentice Hall, Upper Saddle River.
- Hair, J.F., Hult, G.T.M., Ringle, C.M. & Sarstedt, M. (2013). A Primer on Partial Least Squares Structural Equation Modeling (PLS-SEM). Sage Thousand Oaks.
- Harvey, M. & Evans, R. E. (1995). Strategic windows in the entrepreneurial process. *Journal of Business Venturing*, 10, 5, 331–347.
- Hisrich, R. & Peters, M. (2002) Entrepreneurship (5th Ed.). McGraw-Hill. NY.
- Hofstede, G. (2001). Culture's Consequences: Comparing Values, Behaviors,

 Institutions and Organizations across Nations. 2nd Edition. Thousand Oaks, CA,

 Sage Publications.
- Hofstede, G. 1980. *Culture's consequences: International differences in workrelated values*. Newbury Park, CA: Sage Publications.
- Ireland, R.D., & Webb, J.W. (2007). A Cross-disciplinary exploration of entrepreneurship research. *Journal of Management*, *33*(6): 891-927.
- Jones, K. (1989). Running, or stumbling through, simulations. *Simulation Games for Learning*, 19 (4), 160-167.
- K.H. Vesper (Eds.). *Encyclopedia of Entrepreneurship. 39-71*. Englewood Cliffs, NJ: Prentice Hall.
- Katz, J. A. (2003). The chronology and intellectual trajectory of American entrepreneurship education: 1876-1999. *Journal of Business Venturing*, 18(2): 283.

- Katz, J.A (1992). A psychological cognitive model of employment status choice.

 Entrepreneurship: Theory and Practice, 17(1), 29-37.
- Katz, J.A. (1994). Modelling entrepreneurial career progressions: Concepts and considerations. *Entrepreneurship Theory and Practice*, *19*, 2, 23-29.
- Kim, M.S. & Hunter, J. (1993). Relationships among attitudes, behavioural intentions, and behavior. *Communication Research*, *20*, 331-364.
- Kirzner, I. (1973). Competition and Entrepreneurship. Chicago: University of Chicago Press.
- Kirzner, I. (1985). *Discovery and the Capital Process*. Chicago: University of Chicago Press.
- Kirzner, I.M. (1978). Wettbewerb und Unternehmertum. Mohr, Tübingen.
- Klandt, H. (2004). Entrepreneurship Education and Research in German-Speaking Europe. *Academy of Management Learning & Education*, 3(3): 293-301.
- Knight, F.H. (1921). Risk, Uncertainty and Profit (New York: Harper).
- Kolvereid, L. & Isaksen, E. (2006). New business start-up and subsequent entry into self-employment. *Journal of Business Venturing*, 21, 866-885.
- Kolvereid, L. (1996). Prediction of employment status choice intentions. Entrepreneurship Theory and Practice, Fall, 47-57.
- Kolvereid, L. (1996a). Organisational employment versus self-employment: reasons for career choice intentions. *Entrepreneurship Theory and Practice*, 20, 3, 23-31.
- Krueger, N. & Carsrud, A. (1993). Entrepreneurial intentions: Applying the theory of planned behaviour. *Entrepreneurship and Regional Development*, *5*, 315-330.

- Krueger, N. (1993). Impact of prior entrepreneurial exposure on perceptions of new venture feasibility and desirability. *Entrepreneurship Theory and Practice*, 18, 1, 5-21.
- Krueger, N., & Brazeal, D. (1994). Entrepreneurial potential and potential entrepreneurs.

 Entrepreneurship Theory and Practice, 18, 3, 91-105.
- Krueger, N., Reilly, M., & Carsrud, A. (2000). Competing models of entrepreneurial intentions. *Journal of Business Venturing*, 15, 5-6, 411-432.
- Kuratko, D. (2005). The emergence of entrepreneurship education: Development, trends, and challenges. *Entrepreneurship Theory and Practice*, September.
- Lent, R.W., Brown, S. D., & Hackett, G. (1994). Contextual supports and barriers to career choice: A social cognitive analysis. *Journal of Counselling Psychology*, 47, 1, 36-49.
- Linan, F. Chen, Yi-Wen (2006). Testing the entrepreneurial intention modelon a two-Country Sample. Barcelona: *Departament d'Economia de l'Empresa*, Universitat Autònoma de Barcelona (Working Paper no. 06/7).
- Linan, F. (2004). Intention-based models of entrepreneurship education: University of Seville.
- Linan, F., & Chen, Y.W. (2009). Development and cross-cultural application of a specific instrument to measure entrepreneurial intentions. *Entrepreneurship Theory* and *Practice*, 33(3): 593-617.
- Low, M.B., & MacMillan, J.C. (1988). Entrepreneurship: Past research and future challenges. *Journal of Management*, *14*, 139-161.

- Mariano, J.A., Gorgievski, M., Laguna, M., Stephen, U., & Zarafshani, K. (2011).

 Cross-cultural approach to understanding entrepreneurial intention. *Journal of Career Development*, 39(2), 162-185.
- Martinez, A.C., Levie, J., Kelly, D.J., Saemundsson, R.J., & Schott, T. (2010). Global Entrepreneurship Monitor Special Report.
- Matlay, H. (2006). Researching entrepreneurship and education. *Education and Training*, Vol. 48, 8/9, 704-718.
- McClelland, D.C. (1961). The Achieving Society. Van Nostrand, Princeton.
- Minniti, M., & Lévesque, M. (2008). Recent developments in the economics of entrepreneurship. *Journal of Business Venturing*, 23 ed.: 603-612.
- Moore, D. S. & McCabe, G. P. (1999) Introduction to the Practice of Statistics, 3rd Ed. NY. W. H. Freeman.
- Mueller & Thomas. (2001). Culture and entrepreneurial potential: A nine country study of locus of control and innovativeness. *Journal of Business Venturing*, 16:51-75.
- Nnoli, O. (1980). Ethnic Politics in Nigerian. Enugu, Nigeria: Fourth Dimension. Nord,W. E. (ed.) 1976. Concepts and Controversy in Organizational Behaviour.California Pacific Palisades.
- Nunnally, J. & Bernstein, I. (1994). *Psychometric Theory* (3rd ed.). NY: Mc Graw Hill.
- Ogundipe, Emmanuel, S., Kosile, Adejoke, B., Olaleye, Olugbenga, V., Ogudipe, & Olatunde, L., (2012). Entrepreneurial intention among business and counseling students in Lagos state university sandwich programme. *Journal of Education and Practice*, 3, 4.

- Ormrod, J.E. (1999). *Human Learning (3rd Edition)*. Upper Saddle River, NJ: Merrill Prentice Hall.
- Pajares, F. (1997). Current directions in self-efficacy research. In M. Maehr and P. Pintrich (eds.), Advances in motivation and achievement, 10, 1-49. JAI Press.
- Pallant, J. (2001). A step by step guide to data analysis using SPSS. Philadephia: Open University Press.
- Pallant, J. (2003) SPSS Survival Manual: A Step by Step Guide to Data Analysis Using SPSS for Windows (Versions 10 & 11) Open University Press: Philadelphia.
- Pallant, J.F. (2011). SPSS Survival Manual: a step by step guide to data analysis using SPSS (4th ed.). Crows Nest, NSW: Allen & Unwin.
- Peterman, N.E. & Kennedy, J. (2003). Enterprise education: Influencing students' perceptions of entrepreneurship. *Entrepreneurship Theory and Practice*, 28, 2, 129-
- Rantanen, T. & Toikko, T. (2013). Social values, societal entrepreneurship attitude and entrepreneurship intention of young people in the Finnish welfare state. *Poznan University of Economics Review*, 13(1).
- Rashid, U.K., Mat, K.N.K., Ma'rof, R.A., Nasuredin, J., Sanita, F., & Isa, M.F.M (2012). Entrepreneurial intentions among technical students. *American Journal of Economics*, 73-76, doi:10.5923/j.economics.20120001.17.
- Sajjad, Imran, S., Shafi, Haroon, Dad, & Munir, A. (2010). Impact of culture on entrepreneurial intention. *Information Management and Business Review*, 4(1), 30.
- Sarantakos, S. (2005). Social Research (3rd ed.). NY: Palgrave Macmillan.

- Scherer, R., Adams, J., Carley, S., & Wiebe, F. (1989). Role model performance effects on development of entrepreneurial career preference. *Entrepreneurship Theory and Practice*, Spring.
- Schumpeter, J.A. (1912/1934) English translation published in 1934: The theory of economic development. Cambridge, MA: Harvard University Press.ss
- Schumpeter, J.A. (1934). *Theorie der wirtschaftlichen Entwicklung*. Duncker & Humblot, Berlin.
- Scott, M.G. & Twomey, D.F. (1988). The long term supply of entrepreneurs: Students career aspirations in relation to entrepreneurship. *Journal of Small Business Management*, 26, 4, 5-13.
- Sekaran, U. & Bougie, R. (2009). *Research methods for Business. A skill building approach*, (5th Ed), Willey, Chichester, United Kingdom.
- Sekaran, U. & Bougie, R. (2013). Research methods for Business. A skill building approach, (6th Ed), Willey, Chichester, United Kingdom.
- Sekaran, U. (2000). Research methods for business: A skill-building approach. Wiley and Sons, USA.
- Sekaran, U. (2003). *Research Methods for Business A Skill Building Approach*. Fourth Edition, John Wiley & Sons, Inc.
- Sekaran, U., Robert, Y.C., & Brain, L.D. (2001). Applied business research.1st edition.

 Australia: John Wiley & Sons Australian Ltd.
- Shane, S. & Venkataraman, S. (2000). The promise of entrepreneurship as a field of research. *Academy of Management Review*, 25, 1, 217-226.

- Shapero, A. & Sokol, L. (1982). *The social dimensions of entrepreneurship. In C. Kent,*D. Sexton and K. Vesper, (Eds.). Encyclopedia of entrepreneurship, 72-90.
- Shaver, K. & Scott, L. (1992). Person, process, and choice: The psychology of new venture creation. *Entrepreneurship Theory and Practice*, *16*, 2, 23-45.
- Shepherd, D.A. & DeTienne, D.R. (2005). Prior knowledge, potential financial reward, and opportunity identification. *Entrepreneurship Theory and Practice*, 29, 1, 91–112.
- Shook, C.L., Priem, R.L., & McGee, J.E. (2003). Venture creation and the enterprising individual: a review and synthesis. *Journal of Management*, 29, 3, 379–399.
- Souitaris, V., Zerbinati, S., & Al-Laham, A. (2007). Do entrepreneurship programmes raise entrepreneurial intention of science and engineering students? The effect of learning, inspiration and resources. *Journal of Business Venturing*, 22, 4, 566-591.
- Taylor, D., & Thorpe, R. (2004). Entrepreneurial learning: A process of co-participation. *Journal of Small Business and Enterprise Development*, 11, 2, 203 211.
- Tkashev, A., & Kolvereid, L. (1999). Self-employment intentions among Russian students. *Entrepreneurship and Regional Development*, 11, 3, 269-280.
- Venkataraman, S. (1997). The distinctive domain of entrepreneurship research, in Katz, J.A. (ed.). *Advances in entrepreneurship, firm emergence, and growth*. Greenwich, Connecticut: JAI Press, 119-138.
- Von Graevenitz, G., Harhoff, D., & Weber, R. (2010). The effects of entrepreneurship education. *Journal of Economic Behavior & Organization*, 76(1): 90-112.
- Weber, M. (1930). *The Protestant work ethic and the spirit of capitalism*. Allen and Unwin, London.

- Williams, G.Z. (2003). *Business Research Methods* (7th Ed.). Thomson South-Western Inc., USA.
- Woolf, H. B. (1980). Webster's New Collegiate Dictionary. Springfield, MA: G. & C. Merriam Company.
- Zhao, H., Hills, G.E., & Seibert, S. (2005). The mediating role of self-efficacy in the development of entrepreneurial intentions. *Journal of Applied Psychology*, 90, 6, 1265-1272.
- Zwan, P. Van Der. (2013). Entrepreneurship education and self-employment: The role of perceived barriers, (January), 1-25.