FACTORS INFLUENCING FOREIGN STUDENTS' CHOICE OF INSTITUTION (UUM) INTERNET MARKETING AND WEB SEARCH BEHAVIOUR

ALDRINA @MIMI O. P. ANDU (88924)

UNIVERSITI UTARA MALAYSIA 2009

FACTORS INFLUENCING FOREIGN STUDENTS' CHOICE OF INSTITUTION (UUM) - INTERNET AND WEB SEARCH BEHAVIOUR

A dissertation submitted to the Faculty of Business Management in partial fulfillment of the requirements for the degree of Masters of Science (Management), UUM

By,

ALDRINA @MIMI O. P. ANDU

88924

PERMISSION TO USE

In presenting this thesis in partial fulfillment of the requirements for the degree of master

from Universiti Utara Malaysia, I agree that the university Library may make it freely

available for inspection. I further agree that permission for copying of this thesis in any

manner, in whole or in part, for scholarly purposes may be granted by my supervisor, or,

in his absence, by the Dean of Centre of Graduate Studies. It is understood that any

copying or publication or use of this thesis or parts thereof for financial gain shall not be

allowed without my written permission. It is also understood that due to recognition shall

be given to me and to Universiti Utara Malaysia for any scholarly use which may be

made of any material from my thesis.

Request for permission to copy or to make other use of materials in this thesis, in whole

or in part should be addressed to:

Dean of Centre for Graduate Studies Universiti Utara Malaysia

06010 UUM Sintok Kedah Darul Aman

Malaysia

i

ABSTRAK

Ianya adalah penting bagi Institusi Pengajian Tinggi memenuhi permintaan pihak yang memerlukannya dengan menganggap sumbangannya sebahagian dari industri perkhidmatan. Institusi Pengajian Tinggi di Malaysia adalah destinasi baru yang kian mendapat tempat di pasaran global. Kajian ini bertujuan untuk membuktikan secara impirikal hubungan di antara pemasaran internet dan perilaku pencarian jalur lebar terhadap pemilihan institusi pengajian tinggi oleh pelajar luar negara. melibatkan responden daripada kalangan pelajar luar negara yang sedang mengikuti pengajian di Universiti Utara Malaysia. Sebanyak 288 borang soalselidik yang diterima pakai mewakili 96.97 peratus nilai menjawab keseluruhan telah diperolehi melalui metodologi kajian soal selidik secara rawak. Pengunaan kaedah ujian hipotesis dengan skala Likert lima titik telah digunakan untuk mengutip data. Data juga telah dianalisa dengan menggunakan analisa korelasi dan regresi berganda. Hasil penemuan menunjukkan bahawa terdapat hubungan positif di antara pemasaran internet dan perilaku pencarian jalur lebar terhadap pemilihan institusi pengajian tinggi yang membawa maksud hipotesis diterima pakai. Analisa regresi menunjukkan bahawa perilaku pencarian jalur lebar mempengaruhi pemilihan institusi pengajian tinggi bagi pelajar luar negara dengan menyumbang sebanyak r=0.477, p<0.01 varian berbanding pemasaran internet. Implikasi secara praktikal, penambahbaikan dan kajian masa hadapan juga disertakan dalam kajian ini.

ABSTRACT

It is important that Higher Education Institutions recognized themselves as contributing in the service industry to meet with the increasing demand of their stakeholders. In competing globally, Malaysian institutions are becoming popular destination for overseas studies. This study attempted to empirically identify the relationship between internet marketing and foreign students' web search behaviour towards their choice of institution. The study involved foreign students who were studying at Universiti Utara Malaysia (Northern Malaysian University). A total number of 288 valid responses were collected through questionnaire-based survey method representing a total of 96.97 per cent response rate. Hypotheses testing method were employed, and self-administered questionnaire with five-point Likert scale was used to collect the data. Data were analyzed through Pearson correlation and multiple regressions analysis. The results were there is a positive relationship between internet marketing and web search behaviour with foreign students' choice of institution (UUM), hence hypotheses are accepted. Regression analysis indicated that web search behaviour explained more variance in foreign students' choice of institution at r=0.477, p<0.01 in comparison to internet marketing. Practical implications, recommendations and future research were offered in this study.

ACKNOWLEDGEMENTS

Praise be to Allah of His Perfection, none has the right to be worshipped except Allah and Allah is the Greatest. He who sent His Messenger Muhammad with guidance and the religion of Truth, may peace and blessings be upon him.

I would first express my heartfelt gratitude to my advisor, Mr. Shamir Sivaraj Abdullah, for his assistance, encouragement, guidance and opportunities that he provided. He is known among his students as a person of knowledge and practicality, caring and above all his nature able to translate or explain a difficult subject in a layman manner. I know I cannot thank him enough for his continuous dedication into teaching which I find both interesting and admirable. Thank you sir for giving me the chance to pursue this paper with you.

My heartfelt appreciation to Prof. Dr. Habshah Bakar, Tn. Hj. Mohamad Zainol Abidin Adam and Tn. Hj. Mustafa Zakaria for your guidance and moral support.

To all of whom have helped and support me in their respective capacities that made this term bearable if not easier, for me.

To my loved ones: Umi whose love and advice is invaluable; my dearest husband whose strength and patience have yield me to become a better person; my darling children who kept me going; my sister whose been my pillar; my brothers for their pillow punch therapies; and my dearest friends (Mama Hasnah & Abah Bani, Nora, Melissa, Kak Zee, Wana, Elley, Irfa and Aza) who shared numerous and countless moments that are unique.

~ Thank You ~

TABLE OF CONTENTS

Permission t	o use	i
Abstrak		ii
Abstract		iii
Acknowledg	ement	iv
Table of Cor	ntents	v
List of Figur	e	viii
List of Table	es	ix
CHAPTER	ONE: INTRODUCTION	1
1.1		1
1.2	Research Problem Statement	3
	1.2.1 Internalization of Malaysian higher education	3
	1.2.2 Development of higher education marketing and usage of	
	web site as marketing tool: potential for further research	
1.3	Research Objectives	7
1.4	Research Questions	7
1.5	Significance of the Study	8
1.6	Research Scope and Limitations	9
1.7	Organization of the Study	10
CHAPTER	TWO: LITERATURE REVIEW	11
2.1	Introduction	11
	2.1.1 Commercialization and internationalization of higher	
	educational institutions	11
	2.1.2 Malaysian higher education changing landscape	
	2.1.3 Higher education marketing research	14
2.2	Internet Marketing	17
	2.2.1 Communication	21
	2.2.2 Selling	24
	2.2.3 Web content	28
2.3	Consumer behaviour on the internet and students web search	
	behaviour	33
2.4	Student decision-making on choice of institution	36
2.5	Conclusion	39

CHAPTER 7	THREE: RESEARCH DESIGN AND METHODOLOGY	40
3.1	Introduction	
3.2	Theoretical Framework	
3.3	Hypotheses	
3.4	Research Design	
3.5	Operational Definition	
3.6	Instrumentation_	
3.7	Data Collection Procedures and Sampling	47
3.8	Techniques of Data Analysis	
	3.8.1 Descriptive analysis	
	3.8.2 Hypothesis testing	
	3.8.3 Multiple regression analysis	49
	3.8.4 Strength of relationships	
3.9	Summary	
	OUR: RESULTS AND DISCUSSION	
4.1	Introduction_	
4.2	Sample Response	
4.3	Reliability Test	
	4.3.1 Analysis of the reliability of internet marketing	
	4.3.2 Analysis of the reliability of students' web search behavior	
	4.3.3 Analysis of the reliability of choice of institution	
4.4	Hypotheses Testing	59
	4.4.1 Relationship between internet marketing and choice of	50
	Institution	
	4.4.2 Relationship between foreign students' web search behavior	
	and choice of institution	
	4.4.3 Relationship between internet marketing and foreign stude	
4.5	search behaviour	
4.5	Discussion of Findings	
	4.5.1 The relationship between internet marketing and foreign st	
	choice of institution	
	4.5.2 The relationship between foreign students' web search behand shains of institution	
	and choice of institution 4.5.3 The relationship between internet marketing and foreign st	
4.7	web search behaviour	
4.7	Conclusion	/1
CHAPTER I	TVE: CONCLUSIONS AND RECOMMENDATIONS	72.
5.1	Introduction_	
5.2	Key Findings, Practical Implications and Recommendation	72
5.3	Recommendation for Future Research	79

REFERENCES	80
APPENDICES	89

LIST OF FIGURES

Figure 3.1:	Theoretical Framework	4
Figure 3.1:	I HOUTCHCAI I TAIHCWOIK	4

LIST OF TABLES

Table 1.0:	World Internet Usage and Population Statistics (2008)	19
Table 2.0:	A summary of the characteristics of the five stages of information processing described by Hofacker (2000)	
Table 4.1:	Background of Respondents	52
Table 4.2:	Most important reason for choosing UUM and UUM among choices	54
Table 4.3:	Web Search Behaviour Questions (Nominal)	54
Table 4.4:	Reliability Analysis of Internet Marketing	57
Table 4.5:	Reliability Analysis of Students' Web Search Behaviour	58
Table 4.6:	Reliability Analysis of University Choice	59
Table 4.7:	Analysis of the relationship between internet marketing and choice of institution	60
Table 4.8:	Multiple regression result between internet marketing and foreign choice of institution	61
Table 4.9:	Multiple regression result between internet marketing dimensions and choice of institution	61
Table 4.10:	Analysis of the relationship between students' web search behaviour and choice of institution	63
Table 4.11:	Multiple regression result between foreign students' web search behaviour and choice of institution	63
Table 4.12:	Multiple regression result between foreign students' web search behaviour and choice of institution	64
Table 4.13:	Analysis of the relationship between internet marketing and foreign students' web search behaviour	65

CHAPTER 1

INTRODUCTION

1.1 Background Of The Study

In recent times, Higher Education face substantial changes as demands for generated outcomes and knowledge-creation have increase tremendously. Institutions contribute to the population, economy and country that evolve in the terms as being in a 'service industry'. Higher education institutions as many service industry are competing in a consumer environment where 'economic rationalism, or neoliberalism, assumes that the market delivers the best outcomes because consumers purchase rationally; they know their interests better than any regulating body' (Gomes and Murphy, 2003). Mazzarol (1998) earlier on examined the nature of services and highlighted that international education execute the same service capability as any other to market their contributions.

In the past decade, according to Verbik and Lasanowski (2007) there are 1.2 out of the 2.7 million students (45% total amount of all foreign students) who are studying abroad with major players like United States, United Kingdom and Australia ranked first amongst the most popular destination countries for overseas studies. The reason was clear, they were able to attract students from different countries, establish a diversified market and generated their countries' economic landscape. For instance Australia first introduced a full-fee system in 1986 and opened its market for public

The contents of the thesis is for internal user only

REFERENCES:

BOOKS:

- 1. Alsbury A., and McManus S. (2002), *Quick Answers to web marketing questions*. Bolton: Pearson Education Ltd.
- 2. Bathie, D., Cannon, T., Davies, A., and Rosa, P. (1988), *The marketing of further education a development model.* Scottish Education Department. Bok D. (2005). *Universities in the marketplace the commercialization of higher education.* New Jersey: Princeton University Press.
- 3. Cavana, R.Y., Delahaye, B.L., Sekaran, Uma. (2001). *Applied Business Research: Qualitative and Quantitative Methods*. Australia: John Wiley & Sons.
- 4. Chaffey, D., Ellis-Chadwick, F., Johnston, K., and Mayer, R. (2006), *Internet marketing- strategy, implementation and practice (3 ed.)*, Essex: Prentice Education Ltd.
- 5. Collin, C. (2000), Work the web e-marketing. Sussex: John Wiley & Sons Inc.
- 6. Cohin, L and Manion, L., (1994), *Research Methods in education (4 ed.).*, Great Britain: Biddles Ltd.
- 7. Gibbs P., and Knapp M. (2002), Marketing higher and further education –an educator's guide to promoting courses, departments and institution. London: Kogan Page.
- 8. Hair, J.F., Money, A.H., Samouel, P., and Page, M. (2007), *Research methods for business*, England: John Wiley & Sons Inc.
- 9. Hofacker C. F. (2001), Internet marketing. New York: John Wiley & Sons Inc.
- 10. Kotler, P., and Fox, K., (1995), *Strategic marketing for educational institutions* (2nd. ed.), New Jersey: Prentice-Hall.
- 11. Kotler, P., and Keller, K.L., (2006), *Marketing Management*, New Jersey: Prentice Hall.
- 12. Mazzarol, T., and Soutar, G. N. (2001), *The global market for higher education sustainable competitive strategies for the new millennium*. Cheltenham, UK: Edward Elgar Publishing Ltd.
- 13. Meor Ahmad, S.S. (2004), Consumer attitude and intention towards online purchasing, Dissertation for the degree Masters of Science (Management), UUM.
- 14. Roberts, M.L. (2003), *Internet marketing integrating online and offline strategies*, Boston: McGraw-Hill Companies Inc.

- 15. Sakaran, U. (2006), Research methods for business a skill building approach, (4th. ed.), New Delhi: John Wiley & Sons Inc.
- 16. Wiersma, W. (1991), *Research methods in education* (5th. ed.), Boston: Simon & Schuster, Inc.

JOURNALS:

- 1. Aziz, N. A., and Yasin. N. M., (2004), The influence of market orientation on marketing competency and the effect of Internet Marketing Integration, Asia Pacific Journal of Marketing and Logistics, Vol. 16, No. 2, pp. 3-20.
- 2. Bareham, J.R., (2004), Can consumers be predicted or are they unmanageable?, International Journal of Contemporary Hospitality Management, Vol. 16, No. 3, pp. 159-165.
- 3. Bell, H., and Tang, N.K.H., (1998), *The effectiveness of commercial internet websites: a user's perspective, Internet Research*, Vol. 8, Iss. 3, pp. 219-231.
- 4. Binsardi, A., and Ekwulugo, F., (2003), *International marketing of British education: research on the students' perception and the UK market penetration, Marketing Intelligence & Planning*, Vol. 21, No. 5, pp. 318-327.
- 5. Bourke, A., (2000), A Model of the Determinants of International Trade in Higher Education, The Service Industries Journal, Vol. 20, No. 1, pp. 110-138.
- 6. Chai, S., and Fun, M., (2003), *Internet users' perceptions of online service quality: a comparison of online buyers and information searchers, Managing Service Quality*, Vol. 13, Number 6, pp. 504-519.
- 7. Chen, C. H., and Zimitat, C., (2006), Understanding Taiwanese students' decision-making factors regarding Australian international higher education, International Journal of Education Management, Vol. 20, No. 2, pp. 91-100.
- 8. Constantinides, E., (2004), *Influencing the online consumer's behaviour: the web experience, Internet Research*, Vol. 14, No. 2, pp. 111-126
- 9. Cubillo, J.M., Sánchez, J. and Cerviño, J., (2006), *International students'* decision-making process, *International Journal of Education Management*, Vol. 20, No. 2, pp. 101-115.
- 10. Eagle, L., and Brennan, R., (2007), Are students customers? TQM and marketing perspectives, Quality Assurance in Education, Vol. 15, No. 1, pp. 44-60.
- 11. Evans, (2001), Online business education in the twenty-first century: An analysis of potential target markets, Internet Research: Electronic Networking Applications and Policy, Vol. 11, No. 3, pp. 246-260.

- 12. Ferrer-Balas, D., et. al. (2008), International comparative analysis of sustainability transformation across seven universities, International Journal of Sustainability in Higher Education, Vol 9, No. 3, pp. 295-316.
- 13. Freeman, R., (2008), Educating American's today for Tomorrow's Global Labour Market, Forum for Higher Education, Forums Future, Harvard University. ProQuest Database.
- 14. George, F.F., (2004), The theory of planned behaviour and internet purchasing, Internet Research, Vol. 14, No. 3, pp. 198-212.
- 15. Gomes, L., and Murphy, J., (2003), An exploratory study of marketing international education online, The International Journal of Education Management, Vol. 17, No. 3, pp. 116-125.
- 16. Hamill, J., (1997), *The internet and internet marketing, International Marketing Review*, Vol. 14, No. 5, pg. 300.
- 17. Hemsley-Brown, J., (2006), Universities in a competitive global marketplace: a systematic review of the literature on higher education marketing, International Journal of Public Service Management. Vol. 19. No. 4, pp. 316-338.
- 18. Hoey, C, (1998), Maximising the effectiveness of web-based marketing communications, Marketing Intelligence and Planning, Vol. 16, No. 1. Pg. 31-42.
- 19. Ivy, J., (2008), A new higher education mix: the 7Ps for MBA marketing, International Journal of Educational Management, Vol. 22, No. 4, pp. 288-299.
- 20. Kiani, G.R., (1998), Marketing opportunities in the internet world, Internet Research, Vol. 8, No. 2, pp. 185-194.
- 21. Klassen, M.L., (2002), Relationship marketing on the internet: the case of topand lower-ranked US universities and colleges, Journal of Retailing and Consumer Services, No. 9, pp. 81-85.
- 22. Lace, J.M. (2004), At the crossroads of marketing communications and the internet, Internet Research, Vol. 14, No. 3, pp. 236-224.
- 23. Lagrosen, S., (2005), Effects of the internet on the marketing communication on service companies, Journal of Services Marketing, Vol. 19/2, pp. 63–69.
- 24. Levy, S.L., (2002), Revisiting the marketing domain, European Journal of Marketing, Vol. 36, No. 3, pp. 299-304.
- 25. Lowrie, A., and Willmott, H., (2006), *Marketing higher education: The promotion of relevance and the relevance of promotion, Journal of Social Epistemology*, Vol. 20, No. 3-5, pp. 221-240.

- 26. Marthur, L.K., Mathur, I. And Gleason K.C., (1998), Services advertising and providing services on the internet, The Journal of Services Marketing, Vol. 12, No. 5, pp. 334-347.
- 27. Maringe, F., (2006), University and course choice implications for positioning, recruiting and marketing, International Journal of Educational Management, Vol. 20, No. 6, pp. 466-479.
- 28. Mazarrol, T., (1998), Critical success factors for international education marketing, International Journal of Educational Management, Vol. 12, No. 4, pp. 163-175.
- 29. Mazzarol, T., and Soutar, G. N., (1999), Sustainable competitive advantage for educational institutions: a suggested model, The International Journal of Educational Management, Vol. 13, No. 6, pp. 287-300.
- 30. Mazzarol, T., Soutar, G. N., and Seng, M. S. Y., (2003), *The third wave: future trends in international education, International Journal of Education Management*, Vol 17, No. 3, pp. 90-99.
- 31. Mok, K. H., (2008), Changing education governance and management in Asia, Journal of Education Management, Vol. 22, No. 6, pp. 462-463.
- 32. Mok, K. H., (2008), Singapore's global education hub ambitions; University governance change and transnational higher education, The International Journal of Education Management, Bradford: 2008. Vol. 22, Iss. 6; p. 527.
- 33. Moogan, Y.J., Baron, S., and Bainbridge, S., (2001), *Timings and trade-offs in the marketing of higher education courses: a conjoint approach*, *Marketing Intelligence & Planning*, Vol. 19, No. 3, pp. 179-187.
- 34. Nagaraj, S., Munisamy, S., Jaafar, N.I.M., Wahab, D.A. and Mirzaei, T., (2008), How do undergraduates choose their university A study of first year University of Malaya Students, FEA Working Papers, No. 2008-8, pp. 1-39.
- 35. Naude, P. and Ivy, J., (1999), The marketing strategies of universities in the United Kingdom, The International Journal of Education Management, Vol. 13, No. 3, pp. 126-134.
- 36. Ngai, E.W.T. (2003), Commentary: Internet marketing research (1987-2000): a literature review classification, European Journal of Marketing, Vol. 37, No. 1/2, pp. 24-49.
- 37. Rowley, J., (2001), Remodelling marketing communications in an internet environment, Internet Research: Electronic Networking Applications and Policy, Volume 11 . Number 3 . 2001 . pp. 203-212.

- 38. Russell, M., (2005), Marketing education a review of service quality perceptions among international students, International Journal of Contemporary Hospitality Management, Vol. 17, No. 1, pp. 65-77.
- 39. Samaniego M.J.G., Arranz A.M.G. and Cabezudo R.S.J., (2006), *Determinants of internet use in the purchasing process, Journal of Business and Industrial Marketing*, Vol. 21/3, pp. 165-174.
- 40. Schibrowsky, J.A., Peltier, J.W. and Nill, A., (2007), Commentary: The state of internet marketing research: A review of the literature and future research directions, European Journal of Marketing, Vol. 41, No. 7/8, pp. 722-733.
- 41. Singh, N., Fassot, G., Chao, M.C.H. and Hoffmann, J.A., (2006), *Understanding international web site usage, International Marketing Review*, No. 23, No. 1, pp. 83-97.
- 42. Smith, A.D. and Rupp, W.T., (2003), *Strategic Online Customer Decision Making, Online Information Review*, Vol. 27, No. 6, pp. 418-432.
- 43. So, W.C.M., Wong, T.N.D. and Sculli, D., (2005), Factors affecting intentions to purchase via the internet, Industrial Management & Data Systems, Vol. 105, No. 9, pp. 1225-1244.
- 44. Soutar and Turner, (2002), Students' preferences for university: a conjoint analysis, The International Journal of Education Management, Vol. 16, No. 1, pp. 40-45.
- 45. Svensson, G., and Wood, G., (2007), Are university students really customers? When illusion may lead to delusion for all!, International Journal of Educational Management, Vol. 21, No. 1, pp. 17-28.
- 46. Gray, B.J., Fam, K.S., and Llannes, V.A. (2003), Cross cultural values and the positioning of international education brands, Journal of Product and Brand Management, Vol. 12, No. 2, pp. 108-119.
- 47. Vazquez, D. And Xu, X., (2009), Investing linkages between online purchase behaviour variables, International Journal of Retail and Distribution Management, Vol. 37, No. 5, pp. 408-419.
- 48. Veloutsou, C., Paton, R.A., and Lewis, J., (2005), Consultation and reliability of information sources pertaining to university selection some questions answered?, International Journal of Educational Management, Vol. 19, No. 4, pp. 279-291.
- 49. Wong, Y.H., Chan, R.Y.K. and Leung, T.K.P. (2005), *Managing information diffusion in internet marketing, European Journal of Marketing*, Vol. 39, No. 7/8, pp. 926-946.

50. Wu, S., (2002), Internet Marketing Involvement and Consumer Behavior, Asia Pacific Journal of Marketing and Logistics, Vol. 14, No. 4, pp. 36-53.

Report/ Papers:

- 1. Anctil, E. J., Report Abstract: *Selling Higher Education: Marketing and Advertising America's Colleges and Universities: ASHE Higher Education Report*, dated September 2008, Volume 34, Number 2, 152 pages. The author is an Assistant Professor at College of Education, Washington State University. Retrieved from internet at http://as.wiley. com/Wiley CDA/WileyTitle/productCd-0470437731.html.
- 2. James, R., Students' changing expectations of higher education and the consequences of mismatches with the reality paper for OECD-IMHE conference—Management responses to changing student expectations, dated 24 September 2001, University of Melbourne. Retrived from UUM online library collections.
- 3. Sirat, M. And Kaur, S., *The internalisation of higher education: realities and implications, Updates on global higher education*, National Higher Education Research Institute, dated August 31, 2007, No. 14.
- 4. Shayamala et. al., How do undergraduates choose their university? A study of first year University of Malaya students, paper presented at the Academy of Marketing's Third International Conference in Higher Education Marketing, dated April 4-8, 2008, Karakow, Poland from UUM online library collections.

Newspaper Online:

- Razak, D.A., Insight: livy league universities are facing the competition, New Straits Times, dated September 13, 2008 at http://www.nst.com.my/Current_News /NST/Sunday/Focus/2348034/Article/index_html
- 2. Bernama.com, *Higher education ministry sets up international students division* dated January 23, 2007 at http://www.bernama.com.my/bernama/v3/news.php?id=242856.
- 3. Bernama.com, *Malaysia targets 100,000 foreign students by 2010* dated December 18, 2007 at http://www.bernama.com/bernama/v3/news.php?id=303384.
- 4. Brunei Times, *Malaysian's universities a hit with students*, dated October 27, 2008 at http://www.monash.edu.my/advancement/higher-education-news/Higher %20Education%20News/October%202008/index%20October%02008.htm.

- 5. Chew, S., *Government plans to attract more foreign students, Star Online* dated October 29, 2008 at http://www.monash.edu.my/advancement/higher-educationnews/Higher%20Education%20News/October%202008/index%20October%202008.html.
- 6. Fackler, M., *Japan's universities fighting to attract students, International Herald Tribune (Asia Pacific) Online* dated June 21, 2007 at http://www.iht.com/articles/2007/06/21/news/japan.php.
- 7. Financial Times, *Warwick's decision disrupts Singapore's plans* dated October 20, 2005 at http://www.yawningbread.org/apdx_2005/imp-226.htm.
- 8. Fong, C., *Courting the Chinese, Star Online*, dated September 2, 2007 at http://thestar.com.my/columnists/story.asp?file=/2007/12/2/columnists/beijingexp ress/19634727&sec=Beijing%20Express.
- 9. Rizvi, H., *Education: students in a strange land, Inter Press Service News Agency*, June 9, 2006 at http://ipsnews.net/news.asp?idnews=33564.
- 10. Seah Chiang Nee, Blow to education hub hopes, Star Online, dated June 2, 2007 from http://thestar.com.my/columnists/story.asp?file=/2007/6/2/columnists/insightdow nsouth/17896392&from=myapplemenu&sec=Insight%20Down%20South.
- 11. Shepherd, J., *Desperately seeking students*, *The Guardian*, dated January 15, 2008 at http://www.guardian.co.uk/education/2008/jan/15/internationaleducationnews.hig heredu-cation.
- 12. Star Online, *New dimension needed to woo foreign students*, dated January 13, 2008 at http://thestar.com.my/news/story.asp?file=/2008/1/13/nation/19996917&sec=nati on.
- 13. Star Online, 80,000 foreign students by 2010 dated December 22, 2008 at http://thestar .com.my/news/story.asp?file=/2008/12/22/nation/20081222132615&sec=nation.
- 14. Tan, E., *Wooing foreign students* dated August 5, 2007 at http://thestar.com. my/education/story.asp?file=/2007/8/5/education/18469983.
- 15. Teoh, A., *Echoes of the past: the story of private higher education, The Sun*, dated August 23, 2007 http://www.malaysianbar.org.my/echoes_of_the_past/the_story_of_private_higher_education.htm.
- 16. The Economic Times, *World leading schools set up campuses in Singapore* dated December 10, 2007 at http://economictimes.indiatimes.com/articleshow/2609884.cms.

- 17. www.my.sinchew.com *Grooming our talents for competitiveness*, October 10, 2008 from at http://www.monash.edu.my/advancement/higher-educationnews/Higher%20Education%20News/October%202008/index%20October%2020 08.html.
- 18. Vasudevan, V, *Move to attract 100,000 foreign students by 2010, NST Online,* dated January 24, 2007 at www.nst.com.my/Current_News/NST/Thursday /National/ 2436552/1.

INTERNET:

- Malaysia: Courting Chinese Students, http://www.universityworldnews.com/ article.php?story=20071206161746398
- 2. Ministry of Higher Education at http://www.educationmalaysia.gov.my/education.php?article=studyop.
- 3. Murugesan, V., *Malaysia promotes Excellence in English*, *ELS Magazine*, March/April 2003, at http://www.eltcm.org/eltc/Download/paperbank%20PDFs/Malaysia%20Promotes%20Excellence%20in%20English.pdf.
- 4. National Higher Education Research Institute, *Higher education: Middle East* (part 1), *Updates on Global Higher Education*, dated April 30, 2008 at http://www.usm.my/ipptn/fileup/Updates%20on%20Global%20Higher%20 Education%20No.%2030.pdf.
- 5. New Communications Review, *American Marketing Association Releases New Definition for Marketing, Society for New Communications Research*, dated January 14, 2008, at http://www.newcommreview.com/?p=1104.
- 6. Thomases, H., *Surveying higher education about online marketing*, dated August 14, 2007, at http://www.clickz.com/3626716 as of January 25, 2009. The author founded WebAdvantage.net providing consultations on internet marketing services whose clients include Nokia USA, Johns Hopkins University, Baltimore Area Convention & Visitors Assocation and Connections Academy.
- 7. The Economist, Asia: Banking on education to propel a new spurt of growth, South-East Asia, dated December 13, 2003, Vol. 369, Issue 8354, pg. 59 (London) from ProQuest database.
- 8. Tourism Malaysia, Media Release: studying in Malaysia, (October 2008), Error!

 Hyperlink reference not valid.

 malaysia&subpage=archive&pagemode=&news_id=17.

- 9. United Nation Portal, *UNESCO portal on Higher Education Institutions Malaysia*, at http://portal.unesco.org/education/en/ev.php-URL_ID=56838& URL_DO=DO_ TOPIC& URL_SECTION=201.html.
- 10. University New South Wales Media, *UNSW Asia to close*, dated May 23, 2007 at http://www.unsw.edu.au/news/pad/articles/2007/may/UNSW_Asia_close.html.
- 11. Verbik, L., and Lasanowski, V., (September 2007), International student mobility: patterns and trends report The Observatory on borderless higher education, London at http://www.eua.be/fileadmin/user_upload/files/newsletter/International_ Student_Mobility_ -_Patterns_and_Trends.pdf.
- 12. Weindruch, J., Web interface 101: making the most of your institution's website, Summer 2006 article from Hezel Associates, New York at http://www.hezel.com/strategies/Summer2006/reaching.html The author is a Web Consultant for Hezel Associates, a consultant company on research, evaluation and strategy for educators and businesses having global relationship with UNESCO and World Bank
- 13. Lawlor, A review of recent college admission studies, Intelligent Marketing Solutions for Education, May 2007, at http://www.thelawlorgroup.com/intel/focus/ 0705-review-of-recent-collge-admission-studies-nation's higher education marketing firm that integrates 170 colleges and universities in USA from.
- 14. www.universityworldnews.com on Malaysia: Courting Chinese Students dated December 9, 2007.
- 15. www.themalaysianinsider.com on *Multicultural Malaysia a hit with foreign students*, http://www.themalaysianinsider.com/ index.php/malaysia/13439-multicultural-malaysia-a-hit-with-foreign-students dated November 29, 2008.
- 16. www.topuniversities.com/gradschool/schools/data/school_profile/default/universityutaramalaysia.com, posted by Yacob, M.I. dated July 30th, 2009.