

# 遊憩活動參與涉入程度與遊憩情境對參與者事後記憶力退化影響之研究

黃彥鳴、李俊憲

E-mail: 9706966@mail.dyu.edu.tw

## ABSTRACT

The main purpose of this research focused on the exploration of the effects of participants' involvements on recreation activities and the recreational ambiances on their degeneration of memory recalls. Individuals would get satisfaction during attending recreation activity with different level of involvements and acquire interested information saving to his/her brain. Some information will be lost and forgotten when time passing while some will be saved in the long term memory area in the brain. This research designed an experiment with different types of recreation activity, recreational ambiances to survey the relationship among the degree of involvement and the degeneration of memory recalls. A regression equation of the degeneration of memory recalls by time was tested and verified as well as the curve was draw out. The main findings of this research were concluded as followings: 1. There was partially correlative among the involvements of participating recreation activity and the degeneration of memory recalls. 2. There was no significantly different for the ability of memory recalls of different types of recreation activity on the whole average memory recalls. 3. There was partially significantly different for the types of information that acquired and the source of information on the degeneration of memory recalls.

Keywords : involvement, recreational ambiances, degeneration of memory Recalls

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## REFERENCES

- 一、中文部份 Pine II, B. J., & Gilmore, J. H. (2003), 體驗經濟時代(夏業良，魯煒譯)，台北:經濟新潮社。 Robbins, S. P. (2002), 組織行為學(李青芬，李雅婷，趙慕芬譯)，台北:華泰出版社。 三田義雄著(1983)，觀光、遊憩計劃論(陳水源譯)，台北:淑馨(原文於1975出版)。 方幸君(2004)，高雄市觀光意象與遊憩品質因素重要性及績效表現 認知之研究，國立高雄應用科技大學觀光與餐旅管理學系 未出版之碩士論文。 行政院經建會住宅及都市發展處(1983)，台灣地區觀光遊憩系統之研究。 吳忠宏(2007)，休閒遊憩解說服務，收於歐聖榮總編，休閒遊憩: 理論與實務(pp. 254-282)，台北:前程文化。 吳忠宏，黃宗成，邱廷亮(2004)，玉山國家公園遊客旅遊動機、滿意度與重遊意願之研究，國家公園學報，14(2)，23-41。 吳鳳珠(1993)，遊客中心多媒體解說效果評估:以玉山國家公園塔 增加遊客中心為例，國立臺灣大學園藝學系未出版之碩士論文。 呂長賜(2006)，集集地區遊客旅遊動機、滿意度與重遊意願之研究，私立南華大學旅遊事業管理學系未出版之碩士論文。 林欣慧(2001)，解說成效對休閒效益體驗之影響研究 以登山健行為例，國立臺灣師範大學運動休閒與管理學系未出版之碩士論文。 林政萩(2003)，內灣鐵道旅遊特色吸引力、遊客滿意度與重遊意願之研究，私立逢甲大學建築與都市計畫學系

未出版之碩士論文。邱博賢(2003),觀光意象、滿意度與行為意向間關聯之研究-以宜蘭地區四大休閒農場為例，私立世新大學觀光學系未出版之碩士論文。胡家欣(2000)，大學生的休閒認知、涉入與體驗 - 兼論人格特質的影響，國立高雄醫學大學行為科學系未出版之碩士論文。高俊雄(1993)，休閒參與體驗形成之分析，戶外遊憩研究，6(4)，1-12。張詩悌(1997)，板橋林家花園解說效果之探討，國立台灣大學園藝學系未出版之碩士論文。曹正(1979)，東北角海岸風景特定區研究報告，交通部觀光局委託。郭淑菁(2003)，登山社員休閒涉入、休閒滿意度與幸福感之研究，私立大葉大學休閒事業管理學系未出版之碩士論文。陳水源(1989)，遊客遊憩需求與遊憩體驗之研究，戶外遊憩研究，1(3)，19。陳育民(1996)，諧音字教學法對台灣國小學童英文字彙長期記憶效能之研究，私立南台科技大學應用英語學系未出版之碩士論文。陳思倫，歐聖榮，林達聰(2001)，休閒遊憩概論，台北:世新大學。陳肇芳(2007)，大學校院學生休閒運動參與、涉入與滿意度關係之研究，國立嘉義大學體育與健康休閒學系未出版之碩士論文。彭逸芝(2005)，遊憩自行車使用者之遊憩涉入與地方依附關係之研究，私立銘傳大學觀光學系未出版之碩士論文。項退結(1989)，西洋哲學辭典，台北:華香園。黃淑君，林慧娟，郭家汝(2003)，解說內容之涉入程度對遊客之環境認知、遊憩體驗和滿意度之影響 以陽明山國家公園魚路古道為例，觀光研究學報，9(1)，79-90。楊文燦(2007)，休閒遊憩基本概念，收於歐聖榮總編，休閒遊憩:理論與實務(pp.28-53)，台北:前程文化。葉茂生，(2001)，澎湖吉貝島遊客對海域遊憩活動滿意度之研究，私立世新大學觀光學系未出版之碩士論文。葉源鎰(2007)，休閒遊憩資源系統，收於歐聖榮總編，休閒遊憩:理論與實務(pp.184-202)，台北:前程文化。線上維基百科(2007)，遺忘[線上資料]，來源 <http://zh.wikipedia.org/w/index.php?title=%E9%81%97%E5%BF%98&variant=zh-tw> [2007, December 6] 劉盈足(2005)，公務員週末之休閒涉入與其休閒滿意度關係之探討 - 以彰化地區鄉鎮市公所為例，私立大葉大學休閒事業管理學系未出版之碩士論文。歐聖榮，張集毓(1995)，遊憩區市場定位之研究，戶外遊憩研究，8(3)，15-45。鄭健雄(1997)，休閒的哲學理念內涵暨分類，收於中華民國戶外遊憩學會總編，休閒遊憩行為(pp. 243-264)，台北:田園城市文化。鄭麗玉(2005)，認知心理學:理論與運用，台北:五南。二、英文部份 Andrews, J. C., Durvasula, S., & Akhter, S. H. (1990). A framework for conceptualizing and measuring the involvement construct in advertising research. *Journal of Advertising*, 19(4), 27-4. Atkinson, R. C., & Shiffrin, R. M. (1968). Human memory: A proposed system and its control processes. In K.W. Spence & J. T. Spence (Eds.), *The psychology of learning and motivation* (pp. 89-195). New York: Academic Press. Baddeley, A. D. (1996). The fractionation of working memory. *Proceedings of the National Academy of Sciences of the United States of America*, 93, 13468-13472. Baddeley, A. D. (2000). The episodic buffer: A new component of working memory. *Trends in Cognitive Sciences*, 4, 417-423. Baddeley, A. D., & Hitch, G. J. (1974). Working memory. In G. H. Bower (Ed.), *The psychology of learning and motivation: advances in research and theory* (pp. 47-90). New York: Academic Press. Bahrick, H. P. (1984). Semantic memory content in permastore: Fifty years of memory for Spanish learned in school. *Journal of Experimental Psychology: General*, 113, 1-24. Blackwell, D. R., Miniard, P. W., & Engel, J. F. (2001). Consumer behavior (9th ed.). Harcourt College Publishers. Brown, S. C., & Craik, F. I. M. (2000). Encoding and retrieval of information. In E. Tulving & F. I. M. Craik (Eds.), *The Oxford Handbook of Memory* (pp. 93-100). New York: Oxford University Press. Chubb, M., & Chubb, H. R. (1981). One third of our time? An introduction to recreation behavior and resource. New York: John Wiley & Sons. Clawson, M., & Knetsch, J. K. (1969). Alternative method of estimating future use. *Economics of Outdoor Recreation*, 21(7), 33-36. Csikszentmihalyi, M. (1975). Beyond boredom and anxiety. San Francisco: Jossey-Bass. Dube, L., Chebat, J., & Morin, S. (1995). The effects of background music on consumers' desire to affiliate in buyer-seller interactions. *Psychology and Marketing*, 12(4), 305-319. Ebbinghaus, H. (1885). *Memory: A contribution to experimental psychology*. New York: Dover Publications. Engel, J. F., & Blackwell, R. D. (1982). Consumer behavior (4th ed.). New York: The Dryden Press. Foa, U. G.. (1993). Resource theory: Explorations and applications. San Diego: Academic Press. Havitz, M. E., & Dimanche, F. (1990). Propositions for testing the involvement construct in recreational and tourism contexts. *Leisure Sciences*, 12, 179-195. Kelly, J. R. (1987). Freedom to be... A new sociology of leisure. Macmillan Pub Co: New York. Kim, S. S., Scott, D., & Crompton, J. L. (1997). An exploration of the relationships among social psychological involvement, behavioral involvement commitment and future intentions in the context of birdwatching. *Journal of Leisure Research*, 29, 320-341. Krugman, H. E. (1965). The impact of television advertising: Learning without involvement. *Public Opinion Quarterly*, 29, 349-356. Laurent, G., & Kapferer, J. N. (1985). Measuring consumer involvement profiles. *Journal of Marketing Research*, 22, 41-53. Loftus, E. F., & Palmer, J. C. (1974). Reconstruction of automobile destruction: An example of the interaction between language and memory. *Journal of Verbal Learning and Verbal Behavior*, 13, 585-589. Lynch, S., & Yarnell, P. R. (1973). Retrograde amnesia: Delayed forgetting after conclusion. *American Journal of Psychology*, 86, 643-645. McIntyre, N., & Pigram, J. J. (1992). Recreation specialization reexamined: The case of vehicle-based campers. *Leisure Sciences*, 14(1), 3-15. Miller, G. A. (1956). The magical number seven, plus or minus two: Some limits on our capacity for processing information. *Preview*, 63, 81-97. Mitchell, A. A. (1981). The dimensions of advertising involvement. *Advances in Consumer Research*, 8, 25-3. Mitchell, D. J., Kahn, B. E., & Knashko, S. C. (1995). There's something in the air: Effects of congruent or incongruent ambient odor on consumer decision making. *Journal of Consumer Research*, 22, 229-238. Parasuraman, A., Zeithaml, V. A., & Berry, L. L. (1985). A conceptual model of service quality and its implications for future research. *Journal of Marketing*, 49(4), 41-50. Pine II, B. J., & Gilmore, J. H. (1998). Welcome to the experience economy. *Harvard Business Review*, 4, 97-105. Risk, P. H. (1994). The search for excellence in interpretive training. *Legacy*, 5(6), 8-10. Robbins, S. P. (1994). *Organizational behavior* (3rd ed.). New Jersey: Prentice Hall. Rossman, J. R. (1994). Recreation programming (2nd ed.). Champaign: Sagamore. Rothschild, M. L. (1984). Perspectives on involvement: Current problems and future direction. *Advances in Consumer Research*, 11, 216-217. Schmitt, B. H. (1999). Experiential marketing: How to get customer to sense, feel, think, act, and relate to your company and brands. New York: The Free Press. Selin, S. W., & Howard, D. R. (1988). Ego involvement and leisure behavior: A conceptual specification. *Journal of Leisure Research*, 20, 237-244. Sherif, M., & Cantril, H. (1947). The psychology of ego involvement social attitudes and identifications. New York: Wiley. Siegel, L. S., & Ryan, E. B. (1989). The development of

working memory in normally achieving and subtypes of learning disabled children. *Children Development*, 60, 973-98. Spangenberg, E. R., Crowley, A. E., & Henderson, P. W. (1996). Improving the store environment: Do olfactory cues affect evaluations and behaviors. *Journal of Marketing*, 60, 67-80. Sternberg, R. J. (2002). *Cognitive psychology* (3rd ed.). Belmont, CA: Wadsworth Publishing. Stone, R. N. (1984). The marketing characteristics of involvement. *Advances in Consumer Research*, 11, 210-215. Swanson, H. L. (1992). Generality and modifiability of working memory among skilled and less skilled readers. *Journal of Educational Psychology*, 84(4), 473-488. Waugh, N. C., & Norman, D. A. (1965). Primary memory. *Psychological Review*, 72, 89-104. Willy, C. G., Shaw, S. M., & Havitz, M. E. (2000). Men ' s and women ' s involvement in sports: An examination of the gendered aspects of leisure involvement. *Leisure Sciences*, 22, 19 – 31. Wu, H. C. (1997). Evaluation of interpretation: Effectiveness of the interpretive exhibit centers in Taroko National Park, Taiwan. Unpublished Doctoral Dissertation, Stephen F. Austin State University, Nacogdoches, Texas. Zaichkowsky, J. L. (1985). Measuring the involvement construct. *Journal of Consumer Research*, 12, 341-352.