

Parenting Style , Internet Using Behaviors , and Internet Addiction of High School Students.

黃慧鈞、黃德祥

E-mail: 9706901@mail.dyu.edu.tw

ABSTRACT

The purposes of this study are to explore the Parenting style, Internet using behaviors , Internet addiction, and related factors among high school students in Taiwan. The study examine the difference of Parenting style, Internet using behaviors, and Internet addiction of subjects; analyzes the background variables in the Parenting style, Internet using behavior, and Internet addiction on the students. Moreover, this study develops the structural equation model of background variables, Parenting style, Internet using behaviors, and Internet addiction, which serves the purpose of illustrating the linear structural relationships among the relevant variables. This study used a questionnaire survey to 12 high schools in Taiwan, including 1,111 students to study, imposed by the "Internet Addiction Scale", "Internet Use Scale," "Father Style Scale ", and" Mather Style Scale " Descriptive statistics, t-test analysis of variance, the typical related, Pearson's correlation, multiple regression were applied for the data analysis, using SPSS 12.0, and the good-of-fit of structural modeling and the relationships between dominant variables and observing data were investigated, using AMOS 5.0 (Analysis of Moment Structure). The research results are that there were significantly differences in gender in Internet using behavior and Internet addiction. There were significantly differences in social status in information of the use of the Internet. There were significantly differences in parenting style in Internet using behavior and Internet addiction. The parenting style, Internet using behaviors and Internet addiction had a significant correlation. There were significant forecasting role in Internet using entertainment 、 Internet using pornography, Internet using sociability, and parenting reaction in Internet addiction. There was a good fit measure result and the parenting reaction in high school students had significantly affections on Internet addiction. Internet using entertainment、 Internet using pornography, and Internet using sociability in high school students had significantly affections on Internet addiction.

Keywords : Internet behavior, Internet addiction, Parenting style

Table of Contents

中文摘要	iii	英文摘要	iv
致謝辭	vi	內容目錄	vii
圖目錄	x	表目錄	xii
第一章 緒論 第一節 研究動機與目的	1	第二節 研究問題與假設	6
名詞解釋與研究限制	7	第二章 文獻探討 第一節父母親的教養方式	10
網路使用行為與網路成癮的相關研究	17	第三節 網路成癥的理論與相關研究	22
第一節 研究架構	32	第三章 研究方法 第一節 研究對象	34
.	37	第二節 結構方程模式	57
.	59	第五節 統計方法及資料處理	57
第六節 研究程序	61	第四章 結果與討論 第一節 背景變項對父母教養方式、	
.	62	網路使用行為及網路成癮的差異考驗	
.	68	第二節 父母教養方式對網路使用行為及網路成癮的差異考驗	
.	76	第三節 高中職學生父母教養方式、網路使用行為及網路成癮之相關分析	
.	80	第四節 高中職學生網路使用行為及網路成癮之典型相關分析	
.	82	第五節 背景變項、父母教養方式、網際網路使用行為對網際網路成癮行為的預測作用	
.	84	第六節 各變項結構模式考驗	
第五章 結論與建議 第一節 結論	93	第七章 結論與建議	97
參考文獻 103 附錄 附錄一 預試基本資料	120	附錄二 網路成癮預試量表	
122 附錄三 網路使用行為預試量表	123	附錄四 父親教養方式預試量表	124
.	125	附錄五 母親教養方式預試量表	
.	126	附錄六 網路成癮正式施測量表	
.	127	附錄七 網路使用行為正式施測量表	
.	128	附錄八 父親教養方式正式施測量表	
.	129	附錄九 母親教養方式正式施測量表	
.	130	附錄十 正式施測基本資料	

REFERENCES

一、中文部分 朱美慧(2000) , 我國大專學生個人特性.網路使用行為及網路成癮關係之研究 , 大葉大學資訊管理研究所碩士論文。 李曉

君(2006) , 網路成癮之相關研究 , 網路社會學通訊期刊 , 54。2007年10月15日 , 取自 <http://www.nhu.edu.tw/~society/e-j/54/54-01.htm>

周愛保 , 茄學萍 , 劉錦濤(2006) , 青少年網路成癮與人格特徵之關係研究 , 電化教育研究 , 6(3) , 8- 41. 林季謙(2003) , 不同網路能力、人格特質與人際關係中小學生對網路成癮的影響 , 南華大學教育社會學研究所碩士論文。 洪美鈴(2004) , 父母教養態度、知覺青少年子女網路沈迷情形與親子關係之相關研究 , 國立臺灣師範大學/教育心理與輔導學系碩士論文。 孫碧蓮(2002) , 雙親家庭父親管教方式與子女行為表現之探討 , 國立政治大學教育學系碩士論文。 財團法人台灣網路資訊中心(2008) , 2008年5月6日 , 取自 <http://www.twnic.net.tw/download/200307/200307index.shtml> 陳國文(2007) , 高中學生族群網路使用行為、成癮及戒減自我效能之研究 , 東華大學企業管理學系碩士論文。 陳淑惠、翁儼禎、蘇逸人、吳和懋與楊品鳳(2003) , 中文網路成癮量表之編製與心理計量特性研究 , 中華心理學刊 , 45(3) , 279-294。 游美惠、易言?(2004) , 親職教育與性別評等教育-檢視親職教育通俗書籍的性別平等意識 , 高雄師大學報 , 16 , 1-18。 黃玉臻(1997) , 國小學童A型行為 , 父母管教方式與生活適應相關之研究 , 國立高雄師範大學教育研究所碩士論文(未出版)。 黃拓榮 (1996) , 國中生父母管教方式、自我概念、失敗容忍力與偏差行為關係之研究 , 國立高雄師範大學/教育學類研究所碩士論文。 黃德祥(1998) , 青少年發展與輔導 , 台北:五南圖書出版公司。 黃德祥(2000) , 青少年發展與輔導 , 台北:五南圖書出版公司。 楊國樞(1986) , 家庭因素與子女行為:台灣研究的評析 , 中華心理學刊 , 28(1) , 7-28。 資策會(2007) , 上網人口。 2008年05月06日 , 取自 <http://www.find.org.tw/find/home.aspx?page=many&cal=上網人口&p=1> 翟本瑞(1999) , 網路上癮。 2008年5月18日 , 取自 http://mail.nhu.edu.tw/~society/e-j/02/e-journal1115.htm#_ftn5 歐居湖(2003) , 青少年學生網路成癮問題研究 , 西南師範大學碩士論文。

潘?、肖水源(2002) , 痘理性互聯網使用研究進展。中國臨床心理學雜誌 , 10(3) , 237。 謝文彥(1996) , 家庭因素與偏差行為關係之研究 , 警政學報 , 28 , 139-156。 謝龍卿(2004) , 青少年網路使用行為及網路成癮現象之相關研究 , 臺中師院學報 , 18(2) , 19-44。 魏麗敏(1999) , 國民中小學學生家庭因素、學習歷程與成就之分析研究 , 台北:五南圖書出版公司。 二、英文部分 Adam, K. S., Keller, A., West, M., Larose, S., & Goszer, L. B. (1994). Parental representation in suicidal adolescents: A controlled study. *The Australian and New Zealand Journal of Psychiatry*, 28, 418-442. Amichai-Hamburger, Y., & Ben-Artzi, E. (2003). Loneliness and Internet use. *Computer in Human Behavior*, 19, 71 – 80. Amitay, O. A., Mongrain, M., & Fazaa, N. (2008). Love and control: Self-criticism in parents and daughters and perceptions of relationship partners. *Personality and Individual Differences*, 44, 75 – 85. Anderson, K. J. (2001). Internet use among college students: An exploratory study. *Journal of American College Health*, 50(1), 21 – 26. Bai, Y. M., Lin, C. C., & Chen, J. Y. (2001). Internet addiction disorder among clients of a virtual clinic. *Psychiatric Services*, 52(10), 1397. Baumrind, D. (1966). Effects of authoritative parental control on child behavior. *Child Development*, 37, 887 – 907. Baumrind, D. (1971). Principles of ethical conduct in the treatment of subjects: Reaction to the draft report of the committee on ethical standards in psychological research. *American Psychologist*, 26, 887-896. Baumrind, D. (1991). The influence of parenting style on adolescent competence and substance use. *The Journal of Early Adolescence*, 1(11), 56-95. Beard, K. W., & Wolf, E. M. (2001). Modification in the proposed diagnostic criteria for Internet addiction. *Cyberpsychology and Behavior*, 4(3), 377-383. Beard, K. W. (2002). Internet addiction: Current status and implications for employees. *Journal of Employment Counseling*, 39(1), 2-11. Beyers, W., & Goossens, L. (2008). Dynamics of perceived parenting and identity formation in late adolescence. *Journal of dolescence*, 31(2), 165-184. Blaszcynski, A. (2006). Internet use: In search of an addiction. *International Journal of Mental Health and Addiction*, 4, 7-9. Block, J. (2007). Prevalence underestimated in problematic Internet use study. *CNS Spectrums*, 12, 14-15. Bowlby, J. (1977). The making and breaking of affectional bonds: I. aetiology and psychopathology in the light of attachment theory. *British Journal Psychiatry*, 10, 130-201. Brenner, V. (1997). Pathology of computer use: XLVII. Parameters of Internet use, abuse and addiction: the first 90 days of the Internet usage survey. *Psychological Reports*, 80(3), 879-882. Caplan, S. E. (2002). Problematic Internet use and psychosocial well-being: Development of a theory-based cognitive-behavioral measurement instrument. *Computers in Human Behavior*, 18, 553 – 575. Chang, M. K., & Law, S. P. M. (2008, in press). Factor structure for Young 's Internet addiction test: A confirmatory study. *Computers in Human Behavior*. Chou, C. (2001). Internet heavy use and addiction among Taiwanese college students: An online interview study. *Cyberpsychology and Behavior*, 4(5), 573 – 585. Coleman, P. K., Karraker, K. H. (2000) Parenting self-efficacy among mothers of school-age children: Conceptualization, measurement, and correlates. *Family Relations*, 49(1), 13 – 24. Conlin, M. (2000). Worker, surf at your own risk: More and more companies are monitoring their employees ' abuse of the internet. *Business Week*, 3685, 105. Coplan, R. J., Hastings, P. D., Lagace-Seguin, D. G., & Moulton, C. E. (2002). Authoritative and authoritarian mothers ' parenting goals, attributions, and emotions across different childrearing contexts. *Parenting: Science and Practice*, 2, 1 – 26. Cornwell, B., & Lundgren, D. C. (2001). Love on the Internet: Involvement and misrepresentation in romantic relationships in cyberspace vs realspace. *Computer in Human Behavior*, 17, 197 – 221. Darling, N. (1999). Parenting style and its correlates. Retrieved November 20, 2007, from <http://www.athealth.com/Practitioner/ceduc/parentingstyles.html>. Darling, N., & Steinberg, L. (1993). Parenting style as context: An integrative model. *Psychological Bulletin*, 113(3), 487 – 496. Desjardins, J., Zelenski, J. M., & Coplan, R. J. (2008). An investigation of maternal personality, parenting styles, and subjective well-being. *Personality and Individual Differences*, 44, 587-597. Fitzpatrick, J. J. (2008). Internet addiction: Ecognition and interventions. *Archives of Psychiatric Nursing*, 22(2), 59-60. Forehand, R., & Nousiainen, S. (1993). Maternal and paternal parenting: Critical dimensions in adolescent functioning. *Journal of Family Psychology*, 7, 213 – 221. Freeman, C. B. (2008). Internet Gaming Addiction. *The Journal for Nurse Practitioners*, 4(1), 42-47. Goldberg, I. (1996). Internet addiction disorder. Retrieved November 10, 2007, from <http://www.psycom.net/iadcriteria.html>. Golubchik, P., Finzi-Dottan, R., & Bilu, R.(2008). Conduct disorder in former USSR immigrant adolescents and the role of parenting style and ego identity. *European Psychiatry*, 23, S94. Greenberg, J. L., Lewis, S. E., & Dodd, D. K. (1999). Overlapping addictions and self-esteem among college men and women. *Addictive Behaviors*, 24(4), 565-571. Griffiths, M. D. (1996). Internet addiction: An issue for clinical psychology? *Clinic Psychology Forum*, 97, 32-36. Griffiths, M. D. (1997). Psychology of computer use:

XLIII. Some comments on ‘addictive use of the internet’ by Young. Psychological Reports, 80(1), 81-82. Griffiths, M. D. (2001). Sex on the Internet: Observations and implications for Internet sex addiction. The Journal of Sex Research, 38(4), 333-334. Griffiths, M. D., & Parke, J. (2002). The social impact of Internet gambling. Social Science Computer Review, 20(3), 312-320. Grucza, R. A., Przybeck, T. R., & Cloninger, C. R. (2005). Personality as a mediator of demographic risk factors for suicide attempts in a community sample. Comprehensive Psychiatry, 46, 214-235. Gru?sser, S. M., Thalemann, R., & Griffiths, M. D. (2007). Excessive computer game playing: Evidence for addiction and aggression? Cyberpsychology and Behavior, 10(2), 290-292. Hansen, S. (2002). Excessive Internet usage or ‘‘Internet addiction? The implications of diagnostic categories for student users. Journal of Computer Assisted Learning, 18, 235 – 236. Heinonen, K., Ra"ikko"nen, K., Scheier, M. F., Pesonen, A. K., Keskivaara, P., Ja"rvenpa"a", A. L., & Strandberg, T. (2006). Parents ’ optimism is related to their ratings of their children ’ s behaviour. European Journal of Personality, 20, 421-455. Holden, C. (2001). Behavioral addictions: Do they exist? Science, 294(5544), 980 – 982. Kandell, J. J. (1998). Internet addiction on campus: The vulnerability of college students. CyberPsychology and Behavior, 1(1), 11 – 17. Kim, K., Ryu, E., Chon, M. Y., Yeun, E. J., Choi, S. Y., Seo, J. S., & Nam, B. W. (2006). Internet addiction in Korean adolescents and its relation to depression and suicidal ideation: A questionnaire survey. Internet Journal of Nursing Studies, 43, 185-192. Kim, W. J., Yang, J. C., & Choi, Y. (2002). Relationship between adolescent internet addiction tendency and family environment. Chonnam Medical Journal, 38(3), 235-241. Kitamura, T., Toda, M. A., Shima, S., & Sugawara, M. (1994). Early loss of parents and early rearing experience among women with antenatal depression. Journal of Psychosomatic Obstetrics and Gynaecology, 15, 133-141. Kraut, R., Landmark, V., Patterson, M., Kiester, S., Mukopadhyay, T., & Scherlis, W. (1998). Internet paradox: A social technology that reduces social involvement and psychological well-being? American Psychologist, 53(9), 1017-1031. Lamborn, S. D., Mounts, N. S., Steinberg, L., & Dornbusch, S. M. (1991). Patterns of competence and adjustment among adolescents from authoritative, authoritarian, indulgent, and neglectful families. Child Development, 62, 1049 – 1065. Lee, M. S., Oh, E. Y., Cho, S. M., Hong, M. J., & Moon, J. S. (2001). An assessment of adolescent Internet addiction problems related to depression, social anxiety and peer relationship. Journal of Korean Neuropsychiatry Association, 40(4), 616-626. Li, S. M., & Chung, T. M. (2006). Internet function and Internet addictive behavior. Computers in Human Behavior, 22, 1067 – 1071. Lin, S. S., & Tsai, C. C. (2002). Sensation seeking and Internet dependence of Taiwanese high school adolescents. Computers in Human Behavior, 18, 411 – 426. Liu, X., Sun, Z., & Yang, Y. (2008). Parent-reported suicidal behavior and correlates among adolescents in China. Journal of Affective Disorders, 105, 73-80. McCormick, B. (2000). Hooked on the net. American Medical News, 43(23), 17. Messerlian, C., Derevensky, J., & Gupta, R. (2005). Youth gambling problems: a public health perspective. Health Promotion International, 20(1), 69-79. Mitchell, P. (2000). Internet addiction: Genuine diagnosis or not? Lancet, 355(9204), 632. Mitka, M. (2001). Win or lose, Internet gambling stakes are high. The Journal of the American Medical Association, 285, 1005. Morahan-Martin, J., & Schumacher, P. (2000). Incidence and correlates of pathological Internet among college student. Computers in Human Behavior, 16, 13-29. Morrongiello, B. A., Corbett, M., Lasenby, J., Johnston, N., & McCourt, M. (2006). Factors influencing young children’s risk of unintentional injury: Parenting style and strategies for teaching about home safety. Journal of Applied Developmental psychology , 27, 560 – 570. Nalwa, K., & Anand, A. P. (2003). Internet addiction in students: A cause of concern. CyberPsychology and Behavior, 6(6), 653 – 656. Nijhof, K. S., & Engels, R. C. M. E. (2007). Parenting styles, coping strategies, and the expression of homesickness. Journal of Adolescence, 30(5), 709-720. O ’ Neill, K. (2002). Internet gambling: 2000and beyond. Retrieved September 25, 2007, from: <http://www.800gambler.org/InternetGambling.asp>. Oshino, S., Suzuki, A., Ishii, G., & Otani, K. (2007). Influences of parental rearing on the personality traits of healthy Japanese. Comprehensive Psychiatry, 48(5), 465-469. Parker, G. (1979). Parental characteristics in relation to depressive disorders. The British Journal of Psychiatry, 47, 134-138. Parker, J. D.A., Taylor, R. N., Eastabrook, J. M., Schell, S. L., & Wood, L. M. (2008 in press). Problem gambling in adolescence: Relationships with Internet misuse, gaming abuse and emotional intelligence. Personality and Individual Differences. Pelaez, M., Field, T., Pickens, J. N., & Hart, S. (2008). Disengaged and authoritarian parenting behavior of depressed mothers with their toddlers. Infant Behavior & Development, 31(1), 145-148. Pesonen, A., Ra"ikko"nen, K., Strandberg, T., Keltikangas-Ja"rvinen, L., & Ja"rvenpa"a", A. L. (2004). Insecure adult attachment style and depressive symptoms: Implications for parental perceptions of infant temperament. Infant Mental Health Journal, 25, 99-116. Petrie, H., & Gunn, D. (1998, December). Internet “addiction” .The effect of sex, age, depression, and introversion. Paper presented at the British Psychological Society London Conference. Pratarelli, M. E., & Browne, B. L. (2002). Confirmatory factor analysis of internet use and addiction. Cyberpsychology and Behavior, 5(1), 53 – 64. Radziszewska, B., Richardson, J. L., Dent, C.W., & Flay, B. R. (1996). Parenting style and adolescent depressive symptoms, smoking, and academic achievement: Ethnic, gender, and SES differences. Journal of Behavioral Medicine, 19, 289 – 305. Schneider, J. P. (2000). A qualitative study of cybersex participants: Gender differences, recovery issues and implications for therapists. Sex Addiction and Compulsivity, 7, 249-278. Shaffer, H. J., Hall, M. N., & Vander Bilt, J. (2000). Computer addiction: A critical consideration. American Journal of Orthopsychiatry, 70(2), 162-168. Shapira, N. A., Lessig, M. C., Goldsmith, T. D., Szabo, S. T., Lazoritz, M., Gold, M. S., & Stein, D. J. (2003). Problematic Internet use: Proposed classification and diagnostic criteria. Depression and Anxiety, 17, 207-216. Shumow, L., Vandell, D. L., & Posner, J. K. (1998). Harsh, firm, and permissive parenting in low-income families. Journal of Family Issues, 19, 483 – 507. Simons, L. G., & Conger, R. D. (2007). Linking mother-father differences in parenting to a typology of family parenting styles and adolescent outcomes. Journal of Family Issues, 28(2), 212-241. Slicker, E. K. (1998). Relationship of parenting style to behavioral adjustment in graduating high school seniors. Journal of Youth and Adolescence, 27, 345 – 372. Smith, D. J., Duffy, L., Stewart, M. E., Muir, W. J., & Blackwood, D. H. R. (2005). High harm avoidance and low self-directedness in euthymic young adults with recurrent early-onset depression. Journal of Affective Disorders, 87, 83-91. Soule L. C., Shell L. W., & Kleen B. A. (2003). Exploring Internet addiction: Demographic

characteristics and stereotypes of heavy Internet users. *The Journal of Computer Information Systems*, 44(1), 64-73. Stitt, B. G., Giacopassi, D., & Vandiver , M. (2000). A minor concern? Underage casino gambling and the law. *Social Science Journal*, 37, 361 – 373. Suler, J.(1999) To get what you need: Healthy and pathological Internet use. *CyberPsychology and Behavior*, 5(2), 385-393. Treuer, T., Fabian, Z., & Furedi, J. (2001). Internet addiction associated with features of impulse control disorder: Is it a real psychiatric disorder? *Journal of Affective Disorders*, 66(2-3), 283. Tsai, C. C., & Lin, S. S. (2003). Internet addiction of adolescents in Taiwan: An interview study. *Cyberpsychology and Behavior*, 6(6), 649 – 652. Wearden, A., Peters, I., Berry, K., Barrowclough, C., & Liversidge, T. (2008 in press). Adult attachment, parenting experiences, and core beliefs about self and others. *Personality and Individual Differences*. Whang, L. S., Lee, S., & Chang, G. (2003). Internet over-users ' psychological profiles: A behavior sampling analysis on Internet addiction. *CyberPsychology and Behavior*, 6(2), 143-150. White, M., & Dorman, S. M. (2000). Confronting information overload. *Journal of School Health*, 70(4), 160-161. Winsler, A., Madigan, A. L., & Aquilino, S. A. (2005). Correspondence between maternal and paternal parenting styles in early childhood. *Early Childhood Research Quarterly*, 20(1), 1-12. Wolak, J., Mitchell, K. J., & Finkelhor, D. (2003). Escaping or connecting: Characteristics of youth who form close online relationships. *Journal of Adolescence*, 26, 105 – 119. Yang, S. C., & Tung, C. J. (2007). Comparison of Internet addicts and non-addicts in Taiwanese high school. *Computers in Human Behavior* 23, 79-96. Yellowlees, P. M., & Marks, S. (2007). Problematic Internet use or Internet addiction? *Computers in Human Behavior*, 23, 1447 – 1453. Young K. S. (2004). Internet addiction: a new clinical phenomenon and its consequences. *American Behavioral Scientist*, 48(4), 402-415. Young, K. S. (1998a). Caught in the net: How to recognize the signs of Internet addiction - and a winning strategy for recovery. New York: Wiley. Young, K. S. (1998b). Internet addiction: The emergence of a new clinical disorder. *Cyberpsychology and Behavior*, 1(3), 237-244. Young, K. S. (1999). Internet addiction: Symptoms, evaluation and treatment. *Innovations in Clinical Practice* (17), 19-31. Young, K. S., & Case, C. J. (2004). Internet abuse in the workplace: New trends in risk management. *Cyberpsychology and Behavior*, 7(1), 105 – 111. Zaytsev, O., & Vakulich T. (2008). Psychological factors of preventing internet-addiction of teenagers. *European Psychiatry*, 23(2), S325.