

# The Relationship among Parenting Style, Creativity and Behavior Problem in Adolescence

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## ABSTRACT

The purpose of this study was to explore the relations among parenting style (authoritarian, authoritative, permissive, uninvolved), creativity (verbal, figure) and behavior problem (internal, external). There were four hundred eighty-seven (250 boys and 237 girls) 7th to 9th grade students in junior high school. Materials were used including (a) Parenting Style Questionnaire (b) New Creative Thinking Test (c) the Internalizing and Externalizing subscales of the Social Skills Improvement System-Rating Scales. The reliability and validity for the instruments were checked and satisfactory. The data collected were analyzed by descriptive statistics, Pearson product-moment correlation, multiple regression analysis and structural equation model. The research results were summarized as follows: 1. Parenting style and creativity were partially associated. Parenting style and behavior problem were associated. Creativity and behavior problem were associated. 2. Parenting style could predict both creativity and behavior problem; creativity could predict behavior problem. 3. The fit of model that parenting style and creativity could predict behavior problem measured by structural equation model.

Keywords : Parenting Style、Creativity、Behavior Problem

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## REFERENCES

一、中文部分 內政部營建署(2012)。臺灣北、中、南、東部區域計畫。臺北市:內政部。內政部警政署(2012)。暴力犯罪及竊盜嫌疑犯人數。取自 <http://www.npa.gov.tw/NPAGip/wSite/lp?ctNode=12593&CtUnit=2374&BaseDSD=7&mp=1> 孔繁鐘、孔繁錦(譯)(2000)。DSM-精神疾病診斷準則手冊(原著者: American Psychological Association)。臺北市:合記圖書出版社。王毓吟(2007)。青少年知覺父母、教師管教方式與其憂鬱情緒之相關研究(未出版之碩士論文)。私立中原大學,桃園縣。吳明隆(2011)。SPSS統計應用學習實務:問卷分析與應用統計(第三版)。臺北市:易習圖書。吳明隆、?金堂(2008)。SPSS與統計應用分析。臺北市:五南圖書出版公司。吳齊殷(2000)。家庭結構、教養實施與青少年的行為問題。台灣社會學研究, 4, 51-95。吳靜吉、郭俊賢、劉士豪、林瑋文、葉玉珠、高泉豐、...程炳林(1998)。新編創造思考測驗使用手冊。臺北市:學術交流基金會(教育部委託)。吳靜吉、陳甫彥、郭俊賢、林偉文、劉士豪、陳玉樺(1999)。新編創造思考測驗研究。學生輔導, 62, 136-147。李德治、童惠玲(2009)。多變量分析:專題及論文常用的統計方法。臺北:雙葉書廊。林朝夫(1995)。偏差行為輔導與個案研究。臺北市:心理出版社。金炫泰(2010)。父母管教方式、自我控制與偏差行為之相關性研究-以臺中縣青少年為例(未出版之碩士論文)。私立靜宜大學,臺中市。張春興(1991)。現代心理學-現代人研究自身問題的科學。臺北市:東華書局。張春興(主編)(1998a)。張氏心理學辭典(二版四刷)。臺北市:東華書局。張春興(1998b)。教育心理學-三化取向的理論與實踐(二版七刷)。臺北市:東華書局。教育部(2002)。創造力教育白皮書:打造創造力國度(Republic of Creativity, R.O.C.)。臺北市:教育部。教育部(2008)。國民中小學九年一貫課程綱要總綱。臺北市:教育部。教育部統計處(2013)。國民中學校別資料-101學年度Y2012-2013。取自 <http://www.edu.tw/pages/detail.aspx?Node=3752&Page=17284&Index=8&WID=31d75a44-efff-4c44-a075-15a9eb7aecdf> 許憶真(2004)。父母管教方式及國小學生自我概念對其偏差行為之相關研究(未出版之碩士論文)。私立靜宜大學,臺中市。陳正昌、程炳林、陳新豐、劉子鍵(2003)。多變量分析方法-統計軟體應用。臺北市:五南圖書出版公司。陳俊璋(2011)。臺東縣青少年家庭結構、父母管教態度與偏差行為之研究(未出版之碩士論文)。國立臺東大學,台東縣。陳振明(2005)。影響高一學生科學創造力的因素之研究。資優教育研究, 5(2), 63-81。陳龍安(1997)。創造思考教學的理論與實際(修訂版)。臺北市:心理出版社。游麗蓉(2012)。臺灣兒童與青少年自我概念理論模式之建立與驗證-以SDQ I II III為研究取向(未出版之博士論文)。國立彰化師範大學,彰化縣。黃沛榮注譯(2006)。新譯三字經。臺北市:三民書局。黃芳銘(2004)。結構方程模式理論與應用。臺北市:五南圖書出版公司。黃國彥、鄭慧玲、楊國樞(1978)。國中學生的心理需

求與問題行為的關係。社會變遷中的青少年問題研討會論文專集，24，61-75。黃惠玲(2005)。父母管教方式、差別同儕結合與少年偏差行為相關之探討(未出版之碩士論文)。私立靜宜大學，臺中市。楊坤原(2001)創造力的意義及其影響因素簡介。科學教育，239，3-12。楊國樞(1982)。青少年問題行為的研究，刊於開放的多元社會。臺北市：東大圖書公司。葉倩亨、洪?雯(2006)。探討國中學生父母管教方式與其創意生活經驗關係之研究。台南科大學報，25，99-116。董奇(1995)。兒童創造力發展心理。臺北市：五南圖書公司。盧怡吟、嚴雅音、蔡文玲、黃正銘、許志成、林雅瑩、黃曉靈(2010)。生活壓力、偏差行為與父母管教方式對國小學童吸菸、飲酒、嚼食檳榔行為之相關研究。Taiwan Journal of Oral Medicine Sciences, 26(1), 21-40. 謝佳芳(2006)。幼兒所知覺的父母管教方式與創造力之關係(未出版之碩士論文)。國立政治大學，臺北市。謝智玲、葉奕緯(2010)。少年的父母管教、自尊與愛情關係之研究。台灣心理學會第49屆年會發表之論文，嘉義縣。顏綵思、魏麗敏(2005)。臺灣中部地區國中小學生自我概念、父母管教方式對攻擊行為影響之研究。臺中教育大學學報：教育類，19(2)，23-48。

二、英文部分

Achenbach, T. M., & Edelbrock, C. S. (1978). The classification of child psychopathology: Review and analysis of empirical efforts. *Psychological Bulletin*, 85, 1275-1301.

Achenbach, T. M., & Rescorla, L. A. (2001). Manual for the ASEBA school-age forms and profiles. Burlington, VT: University of Vermont, Research Center for Children, Youth, and Families.

Alizadeh, S., Abu Talib, M. B., Abdullah, R., & Mansor, M. (2011). Relationship between parenting style and children's behavior problems. *Asian Social Science*, 7(12), 195-200.

Amabile, T. M. (1983). The social psychology of creativity. New York: Springer.

Annear, K. D., & Yates, G. C. R. (2010). Restrictive and supportive parenting: Effects on children's school affect and emotional responses. *Australian Educational Researcher*, 37(1), 63-82.

Aunola, K., & Nurmi, J.-E. (2005). The role of parenting styles in children's problem behavior. *Child Development*, 76(6), 1144-1159.

Bagozzi, R. P., & Yi, Y. (1988). On the evaluation of structure equation models. *Academic of Marketing Science*, 16, 76-94.

Baldwin, A. L. (1949). The effects of home environment on nursery school behavior. *Child Development*, 20(2), 49-61.

Baldwin, A. L., Kalhorn, J., & Breese, F. H. (1945). Patterns of parent behavior. *Psychological Monographs*, 58(3), 1-75.

Barnett, O. W., Miller-Perrin, C. L., & Perrin, R. D. (1997). Family violence across the Lifespan: An introduction. Thousand Oaks, CA: Sage.

Barber, B. K. (1996). Parental psychological control: Revisiting a neglected construct. *Child Development*, 67(6), 3296-3319.

Barnett, M. A., Shanahan, L., Deng, M., Haskett, M. E., & Cox, M. J. (2010). Independent and interactive contributions of parenting behaviors and beliefs in the prediction of early childhood behavior problems. *Parenting: Science & Practice*, 10(1), 43-59.

Baumrind, D. (1966). Effects of authoritative parental control on child behavior. *Child Development*, 37(4), 887.

Baumrind, D. (1971). Current patterns of parental authority. *Developmental Psychology*, 4(1, Pt.2), 1-103.

Baumrind, D. (1978). Parental disciplinary patterns and social competence in children. *Youth Society*, 9, 239-276.

Baumrind, D. (1991). The influence of parenting style on adolescent competence and substance use. *Journal of Early Adolescence*, 11(1), 56-95.

Becker, W. C. (1964). Consequences of different kinds of parental disciplines Review of child development research (Vol. 1). New York: Russell Sage Foundation.

Bouffard, T., Roy, M., & Vezneau, C. (2005). Self-perceptions, temperament, socioemotional adjustment and the perceptions of parental support of chronically underachieving children. *International Journal of Educational Research*, 43(4-5), 215-235.

Bronfenbrenner, J. (1958). Socialization and social class through time and space. In E. E. Maccoby, T. M. Newcomb & E. L. Hartley (Eds.), *Readings in social psychology*. New York: Holt.

Buehler, C., Benson, M. J., & Gerard, J. M. (2006). Interparental hostility and early adolescent problem behavior: The mediating role of specific aspects of parenting. *Journal of Research on Adolescence*, 16(2), 265-292.

Butcher, J. L., & Niec, L. N. (2005). Disruptive behaviors and creativity in childhood: The importance of affect regulation. *Creativity Research Journal*, 17(23), 181-193.

Cicchetti, D., & Cohen, D. J. (1995). Developmental psychopathology. New Jersey: John Wiley & Sons.

Cicchetti, D., & Toth, S. L. (1998). Internalizing and externalizing expressions of dysfunction. New Jersey: Lawrence Erlbaum Associates.

Coie, J. D., Dodge, K. A., & Kupersmidt, J. B. (1990). Peer group behavior and social status. Cambridge: Cambridge University Press.

Coie, J. D., Underwood, M., & Lochman, J. E. (1991). Programmatic intervention with aggressive children in the school setting. Hillsdale, NJ: Erlbaum.

Connor, D. F., & Barkley, R. A. (2002). Aggression and antisocial behavior in children and adolescents: Research and treatment. New York: Guilford Press.

Csikszentmihalyi, M. (1990). Flow: The psychology of optimal experience. New York: Harper Collins.

Csikszentmihalyi, M. (1996). Creativity : Flow and the psychology of discovery and invention. New York: Harper Collins.

Cui, M., & Conger, R. D. (2008). Parenting behavior as mediator and moderator of the association between marital problems and adolescent maladjustment. *Journal of Research on Adolescence*, 18(2), 261-284.

Dacey, J. S. (1989). Discriminating characteristics of the families of highly creative adolescents. *The Journal of Creative Behavior*, 23(4), 263-271.

Darling, N. (1999). Parenting style and its correlates. ERIC Digest.ERIC clearinghouse on elementary and early childhood education champaign IL(ERIC document reproduction service No. ED427896).

Domino, G. (1969). Maternal personality correlates of son's creativity. *Journal of Consulting and Clinical Psychology*, 33, 180-183.

Duchnowski, A. J., Kutash, K., & Friedman, R. M. (2002). Community-based interventions in a system of care and outcomes framework. New York: Oxford University Press.

Ehrensaft, M. K., Wasserman, G. A., Verdelli, L., Greenwald, S., Miller, L. S., & Davies, M. (2003). Maternal antisocial behavior, parenting practices, and behavior problems in boys at risk for antisocial behavior. *Journal of Child & Family Studies*, 12(1), 27.

Elder, G. H. (1962). Structural variations in the child-rearing relationship. *Sociometry*, 25, 241-262.

Erickson, E. H. (1963). Childhood and society (2 ed.). New York: Norton.

Erickson, E. H. (1968). Identity, youth and crisis. New York: Norton.

Erickson, E. H. (1980). Identity and life cycle. New York: Norton.

Fu, V. R., Moran, J. D., Sawyers, J. K., & Milgram, R. M. (1983). Parental influence on creativity in preschoolchildren. *The Journal of Genetic Psychology*, 143(2), 289-291.

Gardner, F. E. M. (1987). Positive interaction between mothers and conduct-problem children: Is there training for harmony as well as fighting? *Journal of Abnormal Child Psychology*, 15(2), 283-293.

Gardner, K. G., & Moran, J. D. (1990). Family adaptability, cohesion and creativity. *Creativity Research Journal*, 3(4), 281-286.

Giancola, P., & Tarter, R. (1999). Executive cognitive functioning and risk for substance abuse. *Psychological Science*, 10, 203-205.

Gresham, F. M., & Elliott, S. N. (1990). The social skills rating system. Circle Pines, MN: American Guidance Service.

Gresham, F. M., & Elliott, S. N. (2008). Social skills

improvement system-rating scales. Minneapolis, MN: Pearson Assessments. Gresham, F. M., Elliott, S. N., Vance, M. J., & Cook, C. R. (2011). Comparability of the social skills rating system to the social skills improvement system: Content and psychometric comparisons across elementary and secondary age levels. *School Psychology Quarterly*, 26(1), 27-44. Guilford, J. P. (1950). Creativity. *American Psychologist*, 9, 444-454. Hair, J. F., Anderson, R. E., Tatham, R. L., & Black, W. C. (1988). Multivariate data analysis with readings. New York: Maxwell MacMillan International.

Harrington, D. M., Block, J. W., & Block, J. (1987). Testing aspects of Carl Rogers' theory of creative environments: Child rearing antecedents of creative potential in young adolescents. *Journal of Personality and Social Psychology*, 52, 851-856. Heinonen, K., Raikkonen, K., Scheier, M. F., Pesonen, A., Keskkivaara, P., Jarvenpaa, A., & Strandberg, T. (2006). Parents' optimism is related to their ratings of their children's behaviour. *European Journal of Personality*, 20(6), 421-445. Hetherington, E. M., & Frankie, G. (1967). Effects of parental dominance, warmth, and conflict on imitation in children. *Journal of Personality and Social Psychology*, 6(2), 119-125. Huang, C.-C., Wang, L.-R., & Warrener, C. (2010). Effects of domestic violence on behavior problems of preschool-aged children: Do maternal mental health and parenting mediate the effects? *Children and Youth Services Review*, 32(10), 1317-1323. Hurlock, E. B. (1978). Child development. New York: McGraw-Hill. Joey, J. F., & Anna, S. L. (2010). Factors associated with parent-child (dis)agreement on child behavior and parenting problems in chinese immigrant families. *Journal of Clinical Child & Adolescent Psychology*, 39(3), 314-327. Kim, K. H., & VanTassel-Baska, J. (2010). The relationship between creativity and behavior problems among underachieving elementary and high school students. *Creativity Research Journal*, 22(2), 185-193. Koestner, R., Walker, M., & Fichman, L. (1999). Childhood parenting experiences and adult creativity. *Journal of Research in Personality*, 33(1), 92-107. Koydemir-Ozden, S., & Demir, A. (2009). The relationship between perceived parental attitudes and shyness among turkish youth: Fear of negative evaluation and self-esteem as mediators. *Current Psychology*, 28(3), 169-180. Lim, S., & Smith, J. (2008). The structural relationships of parenting style, creative personality, and loneliness. *Creativity Research Journal*, 20(4), 412-419. Lochman, J. E., Dunn, S. E., & Klimes-Dougan, B. (1993). An intervention and consultation model from a social cognitive perspective: A description of the anger coping program. *School Psychology Review*, 22, 458-471.

Maccoby, E. E., & Martin, J. A. (1983). Socialization in thecontext of the family: Parent-child interaction. In P. H. Mussen (Series Ed.) & E. M. Hetherington (Vol. Ed.), *Handbook of child psychology: Vol. 4. socialization, personality, and social development* (4th ed., pp.1-101). New York: Wiley.

MacKinnon, D. (1961). The nature and nurture of creative potential. *American Psychologist*, 7, 484-495. Martinez, I., & Garcia, J. F. (2008). Internalization of values and self-esteem among brazilian teenagers from authoritative, indulgent, authoritarian, and neglectful homes. *Adolescence*, 43(169), 13-29.

McKee, L., Roland, E., Coffelt, N., Olson, A., Forehand, R., Massari, C., . . . Zens, M. (2007). Harsh discipline and child problem behaviors: The roles of positive parenting and gender. *Journal of Family Violence*, 22(4), 187-196.

Michel, M., & Dudek, S. Z. (1991). Mother-child relationships and creativity. *Creativity Research Journal*, 4(3), 281-286.

Middleton, M., Scott, S. L., & Renk, K. (2009). Parental depression, parenting behaviours, and behaviour problems in young children. *Infant & Child Development*, 18(4), 323-336.

Miller, A. L., Lambert, A. D., & Speirs Neumeister, K. L. (2012). Parenting style, perfectionism, and creativity in high-ability and high-achieving young adults. *Journal for the Education of the Gifted*, 35(4), 344-365.

Moffitt, T. E. (1990). The neuropsychology of juvenile delinquency: A critical review. Chicago: University of Chicago Press.

Moffitt, T. E., & Lynam, D. R. (1994). The neuropsychology of conduct disorder and delinquency: Implications for understanding antisocial behaviour (Vol. 18). New York: Springer.

Morrison, G. M., & Skiba, R. (2001). Predicting violence from school misbehavior: Promises and perils. *Psychology in the Schools*, 38, 173-184.

O'Campo, P., Caughy, M. O., & Nettles, S. M. (2010). Partner abuse or violence, parenting and neighborhood influences on children's behavioral problems. *Social Science & Medicine*, 70, 1404-1415.

Oliver, P. H., Guerin, D. W., & Coffman, J. K. (2009). Big five parental personality traits, parenting behaviors, and adolescent behavior problems: A mediation model. *Personality and Individual Differences*, 47(6), 631-636.

Onder, F. C., & Yilmaz, Y. (2012). The role of life satisfaction and parenting styles in predicting delinquent behaviors among high school students. *Educationa Sciences: Theory & Practice*, 12(3), 1744-1748.

Peterson, D. R., Becker, W. C., Hellmer, L. A., Shoemaker, D. J., & Quay, H. C. (1959). Parental attitudes and child adjustment. *Child Development*, 30(1), 119.

Peterson, D. R., Becker, W. C., Shoemaker, D. J., Luria, Z., & Hellmer, L. A. (1961). Child behavior problems and parental attitudes. *Child Development*, 32(1), 151.

Pettit, G. S., Bates, J. E., & Dodge, K. A. (1997). Supportive parenting, ecological context, and children's adjustment: A seven-year longitudinal study. *Child Development*, 68(5), 908-923.

Pumroy, D. K. (1966). Maryland parent attitudes survey: A research instrument with social desirability contrilled. *Journal of Psychology*, 64, 73-79.

Ramazan, O., & Unsal, O. (2012). A study on the relationship between the social-emotional adaptation and behavioral problems of 60-72 month old preschoolers. *Procedia - Social and Behavioral Sciences*, 46(0), 5828-5832.

Rappaport, N., & Thomas, C. (2004). Recent research findings on aggressive and violent behavior in youth: Implications for clinical assessment and intervention. *Journal of Adolescent Health*, 35, 260-277.

Rhode, M. (1961). An analysis of creativity. *Phi Delta Kappan*, 42, 305-310.

Rinaldi, C. M., & Howe, N. (2012). Mothers ' and fathers ' parenting styles and associations with toddlers ' externalizing, internalizing, and adaptive behaviors. *Early Childhood Research Quarterly*, 27(2), 266-273.

Roe, A., & Siegelman, M. (1963). A parent-child relations questionnaire. *Child Development*, 34(2), 355-369.

Rubin, R., & Balow, B. (1978). Prevalence of teacher identified behavior problems: A longitudinal study. *Exceptional Children*, 44, 102-111.

Schaefer, E. S. (1959). A circumplex model for maternal behavior. *The Journal of Abnormal and Social Psychology*, 59(2), 226-235.

Schofield, T. J., Conger, R. D., Donnellan, M. B., Jochem, R., Widaman, K. F., & Conger, K. J. (2012). Parent personality and positive parenting as predictors of positive adolescent personality development over time. *Merrill-Palmer Quarterly*, 58(2), 255-283.

Shure, M. B. (2000). How to think, not what to think: A problem solving approach to prevention of early high-risk behaviors. In A. C. Bohart & D. J. Stipek (Eds.), *Constructive and destructive behavior: Implications for family, schools, and society* (pp. 271-290). Washington, DC: American Psychological Association.

Spera, C. (2005). A review of the relationship among parenting practices, parenting styles,

and adolescent school achievement. *Educational Psychology Review*, 17(2), 125-146. Stemmler, M., Beelmann, A., Jaursch, S., & Losel, F. (2007). Improving parenting practices in order to prevent child behavior problems: A study on parent training as part of the EFFEKT program. *International Journal of Hygiene and Environmental Health*, 210(5), 563-570. Sternberg, R. J. (1988). The nature of creativity: contemporary psychological perspectives. New York: University of Cambridge. Sternberg, R. J., & Lubart, T. I. (1991). An investment of creativity and its development. *Human Development*, 34, 1-31. Stormshak, E. A., Bierman, K. L., McMahon, R. J., & Lengua, L. J. (2000). Parenting practices and child disruptive behavior problems in early elementary school. *Journal of Clinical Child Psychology*, 29(1), 17-17. Torrance, E. P. (1974). Norm-technical manual: Torrance tests of creativity thinking. MA: Personnel. Tulley, M., & Chiu, L. H. (1995). Student teachers and classroom discipline. *The Journal of Educational Research*, 83, 164-171. Wagner, M. O., Bos, K., Jascenoka, J., Jekauc, D., & Petermann, F. (2012). Peer problems mediate the relationship between developmental coordination disorder and behavioral problems in school-aged children. *Research in Developmental Disabilities*, 33(6), 2072-2079. Walberg, H., Rasher, S., & Parkerson, J. (1979). Childhood and eminence. *Journal of Creative Behavior*, 13, 225-231. Wallas, G. (1926). The art of thought. New York: Harcourt Brace. Whitmore, J. R. (1980). Giftedness, conflict, and underachievement. Boston: Allyn and Bacon. Williams, F. E. (1970). Classroom ideas for encouraging thinking and feeling: A total creativity program for individualizing and humanizing the learning process (Vol. 5). New Jersey: Educational Technology Publications. Williams, L. R., Degnan, K. A., Perez-Edgar, K. E., Henderson, H. A., Rubin, K. H., Pine, D. S., ... Fox, N. A. (2009). Impact of behavioral inhibition and parenting style on internalizing and externalizing problems from early childhood through adolescence. *Journal of Abnormal Child Psychology*, 37(8), 1063-1075. Williams, W. C. (1958). The PLAS test: A technique for children to evaluate both parents. *Journal of Consulting Psychology*, 22, 478-495. Wright, C. (1987). Nurturing creative potential: An interactive model for home and school. *Creative Child and Adult Quarterly*, 12(1), 31-38. Wright, C., & Wright, S. (1986). A conceptual framework for examining the family's influence on creativity. *Family Perspective*, 20, 127-136. Wu, Y.-T., Chen, W. J., Hsieh, W.-S., Chen, P.-C., Liao, H.-F., Su, Y.-N., & Jeng, S.-F. (2012). Maternal-reported behavioral and emotional problems in Taiwanese preschool children. *Research in Developmental Disabilities*, 33(3), 866-873.