



Universiteit  
Leiden  
The Netherlands

## **The Adult Attachment Interview: coherence & validation in adolescents**

Beijersbergen, M.D.

### **Citation**

Beijersbergen, M. D. (2008, April 10). *The Adult Attachment Interview: coherence & validation in adolescents*. Retrieved from <https://hdl.handle.net/1887/12691>

Version: Not Applicable (or Unknown)

License: [Licence agreement concerning inclusion of doctoral thesis in the Institutional Repository of the University of Leiden](#)

Downloaded from: <https://hdl.handle.net/1887/12691>

**Note:** To cite this publication please use the final published version (if applicable).

## References

## References

---

## A

- Adam, K. S., Sheldon-Keller, A. E., & West, M. (1996). Attachment organization and history of suicidal behavior in clinical adolescents. *Journal of Consulting and Clinical Psychology, 64*, 264-272.
- Ainsworth, M. D. S., Blehar, M., Waters, E., & Wall, S. (1978). *Patterns of attachment: A psychological study of the Strange Situation*. Hillsdale, NJ: Erlbaum.
- Allen, J. P., Boykin-McElhaney, K., Kuperminc, G. P., & Jodl, K. M. (2004). Stability and change in attachment security across adolescence. *Child Development, 75*, 1792-1805.
- Allen, J. P., Boykin-McElhaney, K., Land, D. J., Kuperminc, G. P., Moore, C. W., O'Beirne-Kelly, H., et al. (2003). A secure base in adolescence: Markers of attachment security in the mother-adolescent relationship. *Child Development, 74*, 292-307.
- Allen, J. P., & Hauser, S. T. (1996). Autonomy and relatedness in adolescent-family interactions as predictors of young adults' states of mind regarding attachment. *Development and Psychopathology, 8*, 793-809.
- Allen, J. P., Hauser, S. T., Bell, K. T., Boykin-McElhaney, K., Tate, D. C., Insabella, G. M., et al. (1994). *Autonomy and relatedness coding system manual, version 2.14*. Unpublished manuscript, University of Virginia.
- Allen, J. P., Hauser, S. T., & Borman-Spurell, E. (1996). Attachment theory as a framework for understanding sequelae of severe adolescent psychopathology: An 11-year follow-up study. *Journal of Consulting and Clinical Psychology, 64*, 254-263.
- Allen, J. P., & Land, D. (1999). Attachment in adolescence. In J. Cassidy & P. R. Shaver (Eds.), *Handbook of attachment: Theory, research, and clinical applications* (pp. 319-335). New York: The Guilford Press.
- Allen, J. P., Porter, M., McFarland, C., Boykin-McElhaney, K., & Marsh, P. (2007). The relation of attachment security to adolescents' paternal and peer relationships, depression, and externalizing behavior. *Child Development, 78*, 1222-1239.
- Allen, J. P., Porter, M. R., McFarland, F. C., Marsh, P., & Boykin-McElhaney, K. (2005). The two faces of adolescents' success with peers: Adolescent popularity, social adaptation, and deviant behavior. *Child Development, 76*, 747-760.

- Ammaniti, M., Van IJzendoorn, M. H., Speranza, A. M., & Tambelli, R. (2000). Internal working models of attachment during late childhood and early adolescence: An exploration of stability and change. *Attachment & Human Development, 2*, 328-346.
- Appelman, E. (2000). Attachment experiences transformed into language. *American Journal of Orthopsychiatry, 70*, 192-202.
- Armsden, G. C., & Greenberg, M. T. (1987). The Inventory of Parent and Peer Attachment: Relationships to well-being in adolescence. *Journal of Youth and Adolescence, 16*, 427-454.

## B

- Bakermans-Kranenburg, M. J. (1993). *Het Gehechtheidsbiografisch Interview: Betrouwbaarheid en discriminante validiteit*. Unpublished doctoral dissertation, Leiden University, The Netherlands.
- Bakermans-Kranenburg, M. J. (2006). Script-like attachment representations: Steps towards a secure base for further research. *Attachment & Human Development, 8*, 275-281.
- Bakermans-Kranenburg, M. J., Juffer, F., & Van IJzendoorn, M. H. (1998). Interventions with video feedback and attachment discussions: Does type of maternal insecurity make a difference? *Infant Mental Health Journal, 19*, 202-219.
- Bakermans-Kranenburg, M. J., & Van IJzendoorn, M. H. (1993). A psychometric study of the Adult Attachment Interview: Reliability and discriminant validity. *Developmental Psychology, 29*, 870-879.
- Barone, L. (2003). Developmental protective and risk factors in borderline personality disorder: A study using the Adult Attachment Interview. *Attachment & Human Development, 5*, 64-77.
- Bates, B. C. (1980). The concept of difficult temperament. *Merrill-Palmer Quarterly, 26*, 299-319.
- Bates, J. E., Freeland, C. A. B., & Lounsbury, M. L. (1979). Measurement of infant difficultness. *Child Development, 50*, 794-803.
- Beijersbergen, M. D., Bakermans-Kranenburg, M. J., Van IJzendoorn, M. H., & Juffer, F. (2007). *Stress regulation in adolescents: Physiological reactivity during the Adult Attachment Interview and conflict interaction*. Manuscript submitted for publication, Leiden University, The Netherlands.

- Beijersbergen, M. D., Van IJzendoorn, M. H., Bakermans-Kranenburg, M. J., & Juffer, F (2007). *Validity of the Adult Attachment Interview in adolescents: Associations with conflict interactions, emotional investment, and relational support*. Unpublished manuscript, Leiden University, The Netherlands.
- Benoit, D., & Parker, K. C. H. (1994). Stability and transmission of attachment across 3 generations. *Child Development, 65*, 1444-1456.
- Bernier, A., Larose, S., Boivin, M., & Soucy, N. (2004). Attachment state of mind: Implications for adjustment to college. *Journal of Adolescent Research, 19*, 783- 806.
- Berntson, G. G., Bigger, J. T., Eckberg, D. L., Grossmann, P., Kaufmann, P. G., Malik, M., et al. (1997). Heart rate variability: Origins, methods, and interpretive caveats. *Psychophysiology, 34*, 623-648.
- Blakemore, D. (1987). Linguistic constraints on pragmatic interpretation: A reassessment of linguistic semantics [Comment on the book *Relevance: Communication and cognition*]. *Behavioral and Brain Sciences, 10*, 712-713.
- Blakemore S.-J., & Choudhury, S. (2006). Development of the adolescent brain: Implications for executive function and social cognition. *Journal of Child Psychology and Psychiatry, 47*, 296-312.
- Bokhorst, C. L., Bakermans-Kranenburg, M. J., Fearon, P., Van IJzendoorn, M. H., Fonagy, P., & Schuengel, C. (2003). The importance of shared environment in mother-infant attachment security: A behavioral genetic study. *Child Development, 74*, 1769-1782.
- Bosquet, M., & Egeland, B. (2001). Associations among maternal depressive symptomatology, state of mind and parent and child behaviors: Implications for attachment-based interventions. *Attachment & Human Development, 3*, 173-199.
- Bost, K. K., Shin, N., McBride, B. A., Brown, G. L. Vaughn, B. E., Coppola, G., et al. (2006). Maternal secure base scripts, children's attachment security, and mother-child narrative styles. *Attachment & Human Development, 8*, 241-260.
- Boucsein, W. (1992). *Electrodermal activity*. New York: Plenum.
- Bowlby, J. (1973). *Attachment and loss: Vol. 2. Separation: Anxiety and anger*. New York: Basic Books.
- Bowlby, J. (1980). *Attachment and loss: Vol. 3. Loss: Sadness and depression*. New York: Basic Books.
- Bowlby, J. (1982). *Attachment and loss: Vol. 1. Attachment*. New York: Basic Books.
- Boykin-McElhaney, K., & Allen, J. P. (2001). Autonomy and adolescent social functioning: The moderating effect of risk. *Child Development, 72*, 220-235.

## References

---

- Bradley, M. M. (2004). Emotion and motivation. In J. T. Cacioppo, L. G. Tassinary, & G. G. Berntson (Eds.), *Handbook of Psychophysiology* (2nd ed.) (pp. 602-642). Cambridge, UK: Cambridge University Press.
- Bretherton, I. (1990). Open communication and internal working models: Their role in the development of attachment relationships. In R.A. Thompson (Ed.), *Nebraska symposium on motivation: Socioemotional development* (pp. 57-113). Lincoln, NE: University of Nebraska Press.
- Brodzinsky, D.M. (1990). A stress and coping model of adoption adjustment. In D.M. Brodzinsky & M.D. Schechter (Eds.), *The psychology of adoption* (pp. 3-24). Oxford: Oxford University Press.
- Brodzinsky, D. M., Schechter, M. D., & Henig, R. M. (1992). *Being adopted: The lifelong search for self*. New York: Anchor Books.
- Brownly, K. A., Hurwitz, B. E., & Scheinderman, N. (2004). In J. T. Cacioppo, L. G. Tassinary, & G. G. Berntson (Eds.), *Handbook of Psychophysiology* (2nd ed.) (pp. 224-264). Cambridge, UK: Cambridge University Press.
- Buchheim, A., & Mergenthaler, E. (2000). The relationship among attachment representation, emotion-abstraction patterns, and narrative style: A computer-based text analysis of the Adult Attachment Interview. *Psychotherapy Research, 10*, 390-407.
- Burns, A. M. & Dunlop, R. K. (2001). "Which basket are your eggs in?" Emotional investments from early adolescence to early adulthood among sons and daughters of divorced and nondivorced parents. *Journal of Family Studies, 7*, 56-71.

## C

- Carston, R. (1987). Being explicit [Comment on the book *Relevance: Communication and cognition*]. *Behavioral and Brain Sciences, 10*, 713-714.
- Caspers, K., Cadoret, R. J., Langbehn, D., Yucius, R., & Troutman, B. (2005). Contributions of attachment style and perceived social support to lifetime use of illicit substances. *Addictive Behaviors, 30*, 1007-1011.
- Caspers, K., Yucuis, R., Troutman, B., Arndt, S., & Langbehn, D. (2007). A sibling adoption study of adult attachment: The influence of shared environment on attachment states of mind. *Attachment & Human Development, 9*, 375-391.
- Caspi, A., Sugden, K., Moffitt, T. E., Taylor, A., Craig, I. W., Harrington, H., et al. (2003). Influence of life stress in depression: Moderation by a polymorphism in the 5-HTT gene. *Science, 301*, 386-389.

- Cassidy, J. (1994). Emotion regulation: influences of attachment relationships. In Fox, N. A. (Ed.), *The development of emotion regulation: Biological and behavioral considerations. Monographs of the Society for Research in Child Development*, 59 (2-3, Serial No. 240), 228-249.
- Cassidy, J. (1999). The nature of the child's ties. In J. Cassidy & P. R. Shaver (Eds.), *Handbook of attachment: Theory, research, and clinical applications* (pp. 3-20). New York: The Guilford Press.
- Cassidy, J., & Kobak, R. R. (1988). Avoidance and its relation to other defensive processes. In J. Belsky & T. Nezworski (Eds.), *Clinical implications of attachment* (pp. 300-323). Hillsdale, NJ: Lawrence Erlbaum.
- Cohen, J. (1988). *Statistical power analysis for the behavioral sciences*. Hillsdale, NJ: Lawrence Erlbaum.
- Cole-Detke, H., & Kobak, R. R. (1996). Attachment processes in eating disorder and depression. *Journal of Consulting and Clinical Psychology*, 64, 282-290.
- Constantino, J. N., Chackes, L. M., Wartner, U. G., Gross, M., Brophy, S. L., Vitale, J., et al. (2006). Mental representations of attachment in identical female twins with and without conduct problems. *Child Psychiatry and Human Development*, 37, 65-72.
- Coppola, G., Vaughn, B. E., Cassibba, R., & Constantini, A. (2006). The attachment script representation procedure in an Italian sample: Associations with Adult Attachment Interview scales and with maternal sensitivity. *Attachment & Human Development*, 8, 209-219.
- Crowell, J. A., Fraley, R. C., & Shaver, P. R. (1999). Measurement of individual differences in adolescent and adult attachment. In J. Cassidy & P. R. Shaver (Eds.), *Handbook of attachment: Theory, research, and clinical applications* (pp. 434-465). New York: The Guilford Press.
- Crowell, J. A., & Owens, G. (1996). *Current Relationship Interview and Scoring System*. Unpublished manuscript, State University of New York at Stony Brook.
- Crowell, J. A., Treboux, D., & Waters, E. (2002). Stability of attachment representations: The transition to marriage. *Developmental Psychology*, 38, 467-479.
- Crowell, J. A., Waters, E., Treboux, D., O'Connor, E., Colon-Downs, C., Feider, O., et al. (1996). Discriminant validity of the Adult Attachment Interview. *Child Development*, 67, 2584-2599.



**D**

- Dawson, M. E., Schell, A. M., & Filion, D. L. (2004). The electrodermal system. In J.T. Cacioppo, L.G. Tassinary, & G.G. Berntson (Eds.), *Handbook of Psychophysiology, 2<sup>nd</sup> ed.* (pp. 200-223). Cambridge, UK: Cambridge University Press.
- De Geus, E.J.C. (1996). *Processing lbi-files created with amsgra: reading the ambulatory HR, RMSSD/HRV and motility data*. Retrieved May 17, 2006 from <http://www.psy.vu.nl/vu-ams/example/index.html>
- De Geus, E. J. C., Boomsma, D. I., & Snieder, H. (2003). Genetic correlation of exercise with heart rate and respiratory sinus arrhythmia. *Official Journal of the American College of Sports Medicine, 35*, 1287-1295.
- De Haas, M. A., Bakermans-Kranenburg, M. J., & Van IJzendoorn, M. H. (1994). The Adult Attachment Interview and questionnaires for attachment style, temperament, and memories of parental behavior. *Journal of Genetic Psychology, 155*, 471-486.
- De Wolff, M. S., & Van IJzendoorn, M. H. (1997). Sensitivity and attachment: A meta-analysis on parental antecedents of infant attachment. *Child Development, 68*, 571-591.
- Dickstein, S., St. Andre, M., Sameroff, A., Seifer, R., & Schiller, M. (1999). Maternal depression, family functioning, and child outcomes: A narrative assessment. In B. Fiese, A. J. Sameroff, H. D. Grotevant, F. J. Wamboldt, S. Dickstein, & D. L. Fravel, (Eds.), *The stories that families tell: Narrative coherence, narrative interaction, and relationship beliefs. Monographs of the Society for Research in Child Development, 64*(2, Serial No. 257), 84-104.
- Downey, G., Feldman, S., & Ayduk, O. (2000). Rejection sensitivity and male violence in romantic relationships. *Personal Relationships, 7*, 45-61.
- Dozier, M., & Kobak, R. R. (1992). Psychophysiology in attachment interviews: Converging evidence for deactivating strategies. *Child Development, 63*, 1473-1480.
- Dozier, M., Stovall, K. C., & Albus, K. E. (1999). Attachment and psychopathology in adulthood. In J. Cassidy & P. R. Shaver (Eds.), *Handbook of attachment: Theory, research, and clinical applications* (pp.497-519). New York: The Guilford Press.
- Dragon NaturallySpeaking9: Gebruikershandleiding (2007). Nuance.

Dykas, M. J., Woodhouse, S. S., Cassidy, J., & Waters, H. S. (2006). Narrative assessment of attachment representations: Links between secure base scripts and adolescent attachment. *Attachment & Human Development, 8*, 221-240.

## E

Egeland, B., Erickson, M. F., Clemenhagen-Moon, J., Hiester, M. K., & Korfmacher, J. (1990). *24 Month tools coding manual. Project STEEP-revised 1990 from mother-child project scales*. Minnesota: Department of Psychology.

Erez, A. (2007). *Insecure attachment, caring and prosocial behavior*. Unpublished doctoral dissertation, Leiden University, The Netherlands.

Erickson, M. F., Sroufe, L. A., & Egeland, B. (1985). The relationship between quality of attachment and behavior problems in preschool in a high-risk sample. *Monographs of the Society for Research in Child Development, 50*, 147-166.

Ericsson, K. & Simon, H. A. (1993). *Protocol analysis: Verbal reports as data* [Rev. ed.]. Cambridge, MA: The MIT Press.

## F

Farrington, D. P. (1997). The relationship between low resting heart rate and violence. In A. Raine, P. Brennan, D. P. Farrington, & S. A. Mednick (Eds.), *Biosocial Bases of Violence* (pp. 89-106). New York: Plenum.

Feeney, B. C., & Cassidy, J. (2003). Reconstructive memory related to adolescent-parent conflict interactions: The influence of attachment-related representations on immediate perceptions and changes in perceptions over time. *Journal of Personality and Social Psychology, 85*, 945-955.

Finkel, D., & Matheny, A. P. (2000). Genetic and environmental influences on a measure of infant attachment security. *Twin Research, 3*, 242-250.

Fitzmaurice, G. M., Laird, N. M., & Ware, J. H. (2004). *Applied Longitudinal Analysis*. Hoboken, NJ: John Wiley & Sons.

Fonagy, P., Leigh, T., Steele, M., Steele, H., Kennedy, R., Mattoon, G., et al. (1996). The relation of attachment status, psychiatric classification, and response to psychotherapy. *Journal of Consulting and Clinical Psychology, 64*, 22-31.

## References

---

- Fonagy, P., Steele, H., & Steele, M. (1991). Maternal representations of attachment during pregnancy predict the organization of infant-mother attachment at one year of age. *Child Development, 62*, 891-905.
- Fowles, D. C. (1980). The three-arousal model: Implications of Gray's two-factor learning theory for heart rate, electrodermal activity, and psychopathy. *Psychophysiology, 17*, 87-104.
- Fraley, R. C. (2002). Attachment stability from infancy to adulthood: Meta-analysis and dynamic modeling of developmental mechanisms. *Personality and Social Psychology Review, 6*, 123-151.

## G

- George, C., Kaplan, N., & Main, M. (1996). *Adult Attachment Interview (3rd ed.)*. Unpublished manuscript, University of California at Berkeley.
- George, C. & West, M. (2001). The development and preliminary validation of a new measure of adult attachment: The Adult Attachment Projective. *Attachment & Human Development, 3*, 30-61.
- Gillath, O., Shaver, P. R., & Mikulincer, M. (2005). An attachment-theoretical approach to compassion and altruism. In P. Gilbert (Ed.), *Compassion: Conceptualizations, research and use in psychotherapy* (121-147). London: Routledge.
- Giora, R. (1997). Discourse coherence and theory of relevance: Stumbling blocks in search of a unified theory. *Journal of Pragmatics, 27*, 17-34.
- Grice, H. P. (1975). Logic and conversation. In P. Cole & J.L. Morgan (Eds.), *Syntax and semantics III: Speech acts* (pp. 41-58). New York: Academic Press.
- Groot, P. F. C., De Geus, E. J. C., & De Vries, J. (1998). *Ambulatory Monitory System. User manual v1.2 (AMS device 36xx)*. Vrije Universiteit, Department of Psychophysiology, Amsterdam, the Netherlands. Retrieved May 10, 2006, from <http://www.psy.vu.nl/vu-ams/manuals/index.html>
- Grossmann, K., Fremmer-Bombik, E., Rudolph, J., & Grossmann, K. E. (1988). Maternal attachment representations as related to patterns of infant-mother attachment and maternal care during the first year. In R. A. Hinde & J. Stevenson-Hinde (Eds.), *Relationships within families: Mutual influences* (pp. 241-260). Oxford: Clarendon Press.

---

**H**

- Haberland, H. & Mey, J. L. (2002). Linguistics and pragmatics, 25 years after (Editorial). *Journal of Pragmatics*, 34, 1671-1682.
- Hagemann, D., Waldstein, S. R., & Thayer, J. F. (2003). Central and autonomic nervous system integration in emotion. *Brain and Cognition*, 52, 79-87.
- Hamilton, C. E. (2000). Continuity and discontinuity of attachment from infancy through adolescence. *Child Development*, 71, 690-694.
- Hesse, E. (1996). Discourse, memory, and the Adult Attachment Interview: A note with emphasis on the emerging cannot classify category. *Infant Mental Health Journal*, 17, 4-11.
- Hesse, E. (1999). The Adult Attachment Interview: Historical and current perspectives. In J. Cassidy & P. R. Shaver (Eds.), *Handbook of attachment: Theory, research, and clinical applications* (pp. 395-433). New York: The Guilford Press.
- Hesse, E., & Main, M. (2000). Disorganization in infant and adult attachment: Descriptions, correlates, and implications for developmental psychopathology. *Journal of the American Psychoanalytic Association*, 48, 1097-1127.
- Hesse, E., & Main, M. (2006). Frightened, threatening, and dissociative parental behavior in low-risk samples: Description, discussion, and interpretations. *Development and Psychopathology*, 18, 309-343.
- Hinkelman, E. (1987). Relevance: Computation and coherence [Comment on the book *Relevance: Communication and cognition*]. *Behavioral and Brain Sciences*, 10, 720-721.
- Horn, L. R. (1989). *A natural negation*. Chicago: University of Chicago Press.

**I**

- Irhammar, M., & Bengtsson, H. (2004). Attachment in a group of adult international adoptees. *Adoption Quarterly*, 8(2), 1-25.

## J

- Jaffari-Bimmel, N., Juffer, F., Van IJzendoorn, M. H., Bakermans-Kranenburg, M. J., & Mooijaart, A. (2006). Social development from infancy to adolescence: Longitudinal and concurrent factors in an adoption sample. *Developmental Psychology, 42*, 1143-1153.
- Jaffari-Bimmel, N., Van IJzendoorn, M. H., Bakermans-Kranenburg, M. J., Juffer, F., & De Geus, E. J. C. (in press). Problem behavior and heart rate reactivity in adopted adolescents: Longitudinal and concurrent relations. *Journal of Research on Adolescence*.
- Juffer, F., Bakermans-Kranenburg, M. J., & Van IJzendoorn, M. H. (2005). The importance of parenting in the development of disorganized attachment: Evidence from a preventive intervention study in adoptive families. *Journal of Child Psychology and Psychiatry, 46*, 263-274.
- Juffer, F., & Van IJzendoorn, M. H. (2007). Adoptees do not lack self-esteem: A meta-analysis of studies on self-esteem of transracial, international, and domestic adoptees. *Psychological Bulletin, 133*, 1067-1083.

## K

- Keating, D. P. (1990). Adolescent thinking. In S. S. Feldman & A. G. R. Elliot, *At the threshold: The developing adolescent* (pp. 54-89). Cambridge: Harvard University Press.
- Kempson, R. (1987). Grammars as input systems [Comment on the book *Relevance: Communication and cognition*]. *Behavioral and Brain Sciences, 10*, 721-722.
- Keppel, G., & Wickens, T. D. (2004). *Design and analysis: A researcher's handbook* (4th ed.). Upper Saddle River, NJ: Pearson Education.
- Kobak, R. R. (1993). *The Attachment Q-sort*. Unpublished manuscript, University of Delaware.
- Kobak, R. R., Holland, E. C., Ferenz-Gillies, R., Fleming, W. S., & Gamble, W. (1993). Attachment and emotion regulation during mother-teen problem solving: A control theory analysis. *Child Development, 64*, 231-245.
- Kobak, R. R., & Sceery, A. (1988). Attachment in late adolescence: Working models, affect regulation, and representations of self and others. *Child Development, 59*, 135-146.

- Kobak, R. R., Sudler, N., & Gamble, W. (1991). Attachment and depressive symptoms during adolescence: A developmental pathway analysis. *Development and Psychopathology*, 3, 461-474.
- Kohnstamm, G. A. (1984, April 4-7). *Bates' Infant Characteristics Questionnaire (ICQ) in the Netherlands*. Paper presented at the fourth biennial International Conference on Infant Studies, New York, NY.

## L

- Levinson, S. C. (1989). A review of relevance [Review of the book *Relevance: Communication and cognition*]. *Journal of Linguistics*, 25, 455-472.
- Levy, M. B., & Davis, K. E. (1988). Lovestyles and attachment styles compared: Their relations to each other and to various relationship characteristics. *Journal of Social and Personal Relationships*, 5, 439-471.
- Lewis, M., Feiring, C., & Rosenthal, S. (2000). Attachment over time. *Child Development*, 71, 707-720.
- Lewis, M., & Wilson, C. D. (1970). The cardiac response to a perceptual cognitive task in the young child. *Psychophysiology*, 6, 411-420.
- Luteijn, F., & van der Ploeg, F. A. E. (1983). *Groninger Intelligentie Test* [Groningen Intelligence Test]. Lisse, The Netherlands: Swets & Zeitlinger.
- Lyons-Ruth, K., & Jacobvitz, D. (1999). Attachment disorganization: Unresolved loss, relational violence, and lapses in behavioral and attentional strategies. In J. Cassidy & P. R. Shaver (Eds.), *Handbook of attachment: Theory, research, and clinical applications* (pp. 520-554). New York: The Guilford Press.

## M

- Madigan, S., Bakermans-Kranenburg, M. J., Van IJzendoorn, M. H., Moran, G., Pederson, D., & Benoit, D. (2006). Unresolved states of mind, anomalous parental behavior, and disorganized attachment: A review and meta-analysis of a transmission gap. *Attachment & Human Development*, 8, 89-111.
- Main, M. (1990). Cross-cultural studies of attachment organization: Recent studies, changing methodologies, and the concept of conditional strategies. *Human Development*, 33, 48-61.

## References

---

- Main, M. (1999). Epilogue. Attachment theory: Eighteen points with suggestions for future studies. In J. Cassidy & P. R. Shaver (Eds.), *Handbook of attachment: theory, research, and clinical applications* (pp. 845-887). New York: The Guilford Press.
- Main, M., & Goldwyn, R. (1998). *Adult Attachment Scoring and Classification Systems*. Unpublished manuscript, University of California at Berkeley.
- Main, M., Goldwyn, R., & Hesse, E. (2003). *Adult Attachment Scoring and Classification Systems*. Unpublished manuscript, University of California at Berkeley.
- Main, M., & Hesse, E. (1990). Parents' unresolved traumatic experiences are related to infant disorganized attachment status: Is frightened and/or frightening parental behavior the linking mechanism? In E. M. Cummings, M. T. Greenberg, & D. Cicchetti (Eds.), *Attachment in the preschool years: Theory, research, and intervention* (pp. 161-182). Chicago, IL: University of Chicago Press.
- Main, M., Hesse, E., & Kaplan, N. (2005). Predictability of attachment behavior and representational processes at 1, 6, and 19 years of age: The Berkeley Longitudinal Study. In K. E. Grossmann, K. Grossmann, & E. Waters (Eds.), *Attachment from infancy to adulthood: The major longitudinal studies* (pp. 245-304). New York: The Guilford Press.
- Main, M., Kaplan, N., & Cassidy, J. (1985). Security in infancy, childhood and adulthood: A move to the level of representation. In I. Bretherton & E. Waters (Eds.), *Growing points in attachment theory and research. Monographs of the Society for Research in Child Development, 50*(1-2, Serial No. 209), 66-106.
- Marsh, P., McFarland, F. C., Allen, J. P., Boykin-McElhaney, K., & Land, D. (2003). Attachment, autonomy, and multifinality in adolescent internalizing and risky behavioral symptoms. *Development and Psychopathology, 15*, 451-467.
- Mayseless, O., & Scharf, M. (2007). Adolescents' attachment representations and their capacity for intimacy in close relationships. *Journal of Research on Adolescence, 17*, 23-50.
- Mey, J. L., & Tabot, M. (1988). Computation and the soul. *Semiotica, 72*, 291-339.
- Mikulincer, M., & Shaver, P. R. (2007). *Attachment patterns in adulthood: Structure, dynamics, and change*. New York: The Guilford Press.
- Mura, S. S. (1983). Licensing violations: legitimate violations of Grice's Conversational Principle. In R. T. Craig & K. Tracy (Eds.), *Conversational coherence: Form, structure, and strategy*. Beverly Hills: Sage Publication.

**O**

Oosterman, M., & Schuengel, C. (2007). Physiological effects of separation and reunion in relation to attachment and temperament in young children. *Developmental Psychobiology, 49*, 119-128.

**P**

Patrick, M., Hobson, R. P., Castle, D., Howard, R., & Maughan, B. (1994). Personality disorder and the mental representation of early social experience. *Development and Psychopathology, 6*, 375-388.

Pederson, D. R., Gleason, K. E., Moran, G., & Bento, S. (1998). Maternal attachment representations, maternal sensitivity, and the infant-mother attachment relationship. *Developmental Psychology, 34*, 925-933.

Peterfreund, E. (1971). Information, systems, and psychoanalysis: An evolutionary biological approach to psychoanalytic theory. *Psychological Issues, 7*(1-2, Serial No. 25-26). New York: International Universities Press.

Plomin, P. (1999). Genetics of childhood disorders: III. Genetics and intelligence. *Journal of the American Academy of Child and Adolescent Psychiatry, 38*, 786-788.

Porges, S. W. (1995). Cardiac vagal tone - A physiological index of stress. *Neuroscience and Biobehavioral Reviews, 19*, 225-233.

**R**

Ricciuti, A. E. (1992). Child-mother attachment: A twin study. *Dissertation Abstracts International, 54*, 3364-3364 (University Microfilms No. 9324873).

Roisman, G. I. (2007). The psychophysiology of adult attachment relationships: Autonomic reactivity in marital and premarital interactions. *Developmental Psychology, 43*, 39-53.

Roisman, G. I., Fortuna, K., & Holland, A. (2006). An experimental manipulation of retrospectively defined earned and continuous attachment security. *Child Development, 77*, 59-71.



- Roisman, G. I., Madsen, S. D., Henninghausen, K. H., Sroufe, L. A., & Collins, W. A. (2001). The coherence of dyadic behavior across parent-child and romantic relationships as mediated by the internalized representation of experience. *Attachment & Human Development, 3*, 156-172.
- Roisman, G. I., Tsai, J. L., & Chiang, K. S. (2004). The emotional integration of childhood experiences: Physiological, facial expressive, and self-reported emotional response during the Adult Attachment Interview. *Developmental Psychology, 40*, 776-789.
- Rosenstein, D. S., & Horowitz, H. A. (1996). Adolescent attachment and psychopathology. *Journal of Consulting and Clinical Psychology, 64*, 244-253.
- Rutter, M. (2006). *Genes and behavior: Nature-nurture interplay explained*. Malden, MA: Blackwell Publishing.

## S

- Sagi, A., Van IJzendoorn, M. H., Scharf, M., Koren-Karie, N., Joels, T., & Mayseless, O. (1994). Stability and discriminant validity of the Adult Attachment Interview: A psychometric study in young Israeli adults. *Developmental Psychology, 30*, 771-777.
- Sagi-Swartz, A., & Aviezer, O. (2005). Correlates of attachment to multiple caregivers in kibbutz children from birth to emerging adulthood: The Haifa longitudinal study. In K.E. Grossmann, K. Grossmann, & E. Waters (Eds.), *Attachment from infancy to adulthood: The major longitudinal studies* (pp. 165-197). New York: The Guilford Press.
- Saygin A. P., & Cicekli, I. (2002). Pragmatics in human-computer conversations. *Journal of Pragmatics, 34*, 227-258.
- Saygin A. P., Cicekli, I., & Akman, V. (2000). Turing Test: 50 years later. *Minds and Machines, 10*, 463-518.
- Scholte, R. H. J., van Lieshout, C. F. M., & van Aken, M. A. G. (2001). Perceived relational support in adolescence: Dimensions, configurations, and adolescent adjustment. *Journal of Research on Adolescence, 11*, 71-94.
- Seuren, P. A. M. (1988). The self-styling of relevance theory [Review of the book *Relevance: Communication and cognition*]. *Journal of Semantics, 5*, 123-143.

- Sher-Censor, E., & Oppenheim, D. (2004). Coherence and representations in preschoolers' narratives: Associations with attachment in infancy. In M. W. Pratt & B. H. Fiese (Eds.), *Family stories and the life course* (pp. 77-107). Mahwah, NJ: Lawrence Erlbaum.
- Simpson, J. A., Rholes, W. S., Oriña, M. M., & Grich, J. (2002). Working models of attachment, support giving, and support seeking in a stressful situation. *Personality and Social Psychology Bulletin*, *28*, 598-608.
- Solomon, J., George, C., & De Jong, A. (1995). Children classified as controlling at age six: Evidence of disorganized representational strategies and aggression at home and at school. *Development and Psychopathology*, *7*, 447-463.
- Spangler, G., & Grossmann, K. E. (1993). Biobehavioral organization in securely and insecurely attached infants. *Child Development*, *64*, 1439-1450.
- Spangler, G., & Zimmermann, P. (1999). Attachment representation and emotional regulation in adolescents: A psychobiological perspective on internal working models. *Attachment & Human Development* *1*, 270-290.
- Sperber, D., & Wilson, D. (1995). *Relevance: Communication and cognition* (2nd ed.). Oxford: Blackwell.
- Sroufe, L. A., & Waters, E. (1977). Heart rate as a convergent measure in clinical and developmental research. *Merrill-Palmer Quarterly*, *23*, 3-27.
- Stams, G. J. M., Juffer, F., & Van IJzendoorn, M. H. (2002). Maternal sensitivity, infant attachment, and temperament in early childhood predict adjustment in middle childhood: The case of adopted children and their biologically unrelated parents. *Developmental Psychology*, *38*, 806-821.
- Steele, H., & Steele, M. (1994). Intergenerational patterns of attachment. In K. Bartholomew & D. Perlman (Eds.), *Attachment processes in adulthood* (pp. 93-120). London: Jessica Kingsley.
- Steele, H., Steele, M., & Fonagy, P. (1996). Associations among attachment classifications of mothers, fathers, and their infants. *Child Development*, *67*, 541-555.
- Stevenson-Hinde, J., & Marshall, P. J. (1999). Behavioral inhibition, heart period, and respiratory sinus arrhythmia: An attachment perspective. *Child Development*, *70*, 805-816.
- Strodtbeck, F. L. (1951). Husband-wife interaction over revealed differences. *American Sociological Review*, *16*, 468-473.

**T**

- Tabachnick, B. G., & Fidell, L. S. (2001). *Using multivariate statistics* (4th ed.). Boston: Allyn and Bacon.
- Tini, M., Corcoran, D., Rodrigues-Doolabh, L., & Waters, E. (2003, March). Maternal attachment scripts and infant secure base behaviour. In H. Waters & E. Waters (Chairs), *Script-like representations of secure base experience: Evidence of cross-age, cross-cultural, and behavioural links*. Poster symposium presented at the biennial meeting of the Society for Research in Child Development, Tampa, Florida. Retrieved October 9, 2007, from <http://www.psychology.sunysb.edu/attachment/srcd2003/srcd2003.htm>
- Topham, M. (1973). *Eggs in the basket* [Motion picture]. Author Ownership.
- Torgersen, A. M., Grova, B. K., & Sommerstad, R. (2007). A pilot study of attachment patterns in adult twins. *Attachment & Human Development, 9*, 127-138.
- Treboux, D., Crowell, J. A., & Waters, E. (2004). When "new" meets "old": Configurations of adult attachment representations and their implications for marital functioning. *Developmental Psychology, 40*, 295-314.
- Turing, A. (1950). Computing machinery and intelligence. *Mind, 59*(236), 433-460.

**V**

- Van der Mark, I. L., Bakermans-Kranenburg, M. J., & Van IJzendoorn, M. H. (2002). Development of empathy in girls during the second year of life: Associations with parenting, attachment, and temperament. *Social Development, 11*, 451-468.
- Vander, A., Sherman, J., & Luciano, D. (2001). *Human physiology: The mechanisms of body function*. New York: McGraw-Hill.
- Van IJzendoorn, M. H. (1995). Adult attachment representations, parental responsiveness, and infant attachment: A meta-analysis on the predictive validity of the Adult Attachment Interview. *Psychological Bulletin, 117*, 387-403.
- Van IJzendoorn, M. H., & Bakermans-Kranenburg, M. J. (1996). Attachment representations in mothers, fathers, adolescents, and clinical groups: A meta-analytic search for normative data. *Journal of Consulting and Clinical Psychology, 64*, 8-21.

- Van IJzendoorn, M. H., & Bakermans-Kranenburg, M. J. (2006). DRD4 7-repeat polymorphism moderates the association between maternal unresolved loss or trauma and infant disorganization. *Attachment & Human Development, 8*, 291-307.
- Van IJzendoorn, M. H., & Bakermans-Kranenburg, M. J. (in press). The distribution of adult attachment representations in clinical groups: Meta-analytic search for patterns of attachment. In H. Steele & M. Steele (Eds.), *The Adult Attachment Interview in clinical context*. New York: The Guilford Press.
- Van IJzendoorn, M. H., & De Wolff, M. S. (1997). In search of the absent father--meta-analysis of infant-father attachment: A rejoinder to our discussants. *Child Development, 68*, 604-609.
- Van Zeijl, J., Mesman, J., Van IJzendoorn, M. H., Bakermans-Kranenburg, M. J., Juffer, F., Stolk, M. N., et al. (2006). Attachment-based intervention for enhancing sensitive discipline in mothers of 1-to 3-year-old children at risk for externalizing behavior problems: A randomized controlled trial. *Journal of Consulting and Clinical Psychology, 74*, 994-1005.
- Verissimo, M., & Salvaterra, F. (2006). Maternal secure-base scripts and children's attachment security in an adopted sample. *Attachment & Human Development, 8*, 261-273.

## W

- Ward, M. J., & Carlson, E. A. (1995). Associations among adult attachment representations, maternal sensitivity, and infant-mother attachment in a sample of adolescent mothers. *Child Development, 66*, 69-79.
- Waters, H. S., & Rodrigues-Doolabh, L. M. (2001, April). *Are attachment scripts the building blocks of attachment representations? Narrative assessment of representations and the AAI*. Paper presented at the biennial meeting of the Society for Research in Child Development, Minneapolis, Minnesota. Retrieved October 9, 2007, from <http://www.psychology.sunysb.edu/attachment/srcd2001/srcd2001.htm>
- Waters, E., Treboux, D., Fyffe, C., & Crowell, J. (2001). *Discriminant analysis of the AAI scale scores: Prediction of classification*. Unpublished manuscript, State University of New York at Stony Brook.
- Waters, H. S., & Waters, E. (2006). The attachment working models concept: Among other things, we build script-like representations of secure base experiences. *Attachment & Human Development, 8*, 185-197.

## References

---

- Weinfield, N. S., Whaley, G. J. L., & Egeland, B. (2004). Continuity, discontinuity, and coherence in attachment from infancy to late adolescence: Sequelae of organization and disorganization. *Attachment & Human Development, 6*, 73-97.
- West, M., Sheldon, A., & Reiffer, L. (1987). An approach to the delineation of adult attachment: Scale development and reliability. *The Journal of Nervous and Mental Disease, 175*, 738-741.
- Wilks, Y. (1987). Relevance must be to someone [Comment on the book *Relevance: Communication and cognition*]. *Behavioral and Brain Sciences, 10*, 735-736.

## Z

- Zeanah, C. H., Benoit, D., & Barton, M. (1994) *Working Model of the Child Interview*. Unpublished manuscript, Louisiana State University School of Medicine, New Orleans.
- Zeanah, C. H., Benoit, D., Barton, M., Regan, C., Hirshberg, L. M., & Lipsitt, L. P. (1993). Representations of attachment in mothers and their one-year-old infants. *Journal of the American Academy of Child and Adolescent Psychiatry, 32*, 278-286.
- Zegers, M. A. M., Schuengel, C., Van IJzendoorn, M. H., & Janssens, J. M. A. M. (2006). Attachment representations of institutionalized adolescents and their professional caregivers: predicting the development of therapeutic relationships. *American Journal of Orthopsychiatry, 76*, 325-334.
- Zeijlmans Van Emmichoven, I. A., Van IJzendoorn, M. H., De Ruiter, C., & Brosschot, J. F. (2003). Selective processing of threatening information: Effects of attachment representation and anxiety disorder on attention and memory. *Development and Psychopathology, 15*, 219-237.
- Zelenko, M., Kraemer, H., Huffman, L., Gschwendt, M., Pageler, N., & Steiner, H. (2005). Heart rate correlates of attachment status in young mothers and their infants. *Journal of the American Academy of Child and Adolescent Psychiatry, 44*, 470-476.
- Zimmermann, P. (2004). Attachment representations and characteristics of friendship relations during adolescence. *Journal of Experimental Child Psychology, 88*, 83-101.
- Zimmermann, P., & Becker-Stoll, F. (2002). Stability of attachment representations during adolescence: the influence of ego-identity status. *Journal of Adolescence, 25*, 107-124.

- Zimmermann, P., Fremmer-Bombik, E., Spangler, G., & Grossmann, K. E. (1997). Attachment in adolescence: A longitudinal perspective. In W. Koops, J. B. Hoekstra, & D. C. Van den Boom (Eds.), *Development of interaction and attachment: Traditional and non-traditional approaches* (pp. 281-292). Amsterdam: North-Holland.
- Zimmermann, P., & Grossmann, K. E. (1997). Attachment and adaptation in adolescence. In W. Koops, J. B. Hoekstra, & D. C. Van den Boom (Eds.), *Development of interaction and attachment: Traditional and non-traditional approaches* (pp. 271-279). Amsterdam: North-Holland.
- Zimmermann, P., Maier, M. A., Winter, M., & Grossmann, K. E. (2001). Attachment and adolescents' emotion regulation during a joint problem-solving task with a friend. *International Journal of Behavioral Development*, 25, 331-343.

