



Universiteit
Leiden
The Netherlands

Unresolved-disorganized attachment, psychopathology, and the adolescent brain

Hoof, M.J. van

Citation

Hoof, M. J. van. (2019, November 21). *Unresolved-disorganized attachment, psychopathology, and the adolescent brain*. Retrieved from <https://hdl.handle.net/1887/80838>

Version: Publisher's Version

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

Downloaded from: <https://hdl.handle.net/1887/80838>

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

Cover Page



Universiteit Leiden



The handle <http://hdl.handle.net/1887/80838> holds various files of this Leiden University dissertation.

Author: Hoof, M.J. van

Title: Unresolved-disorganized attachment, psychopathology, and the adolescent brain

Issue Date: 2019-11-21

REFERENCES

A

- Achenbach, T.M. (1991a). *Manual for the Child Behavior Checklist/4-18 and 1991 profile*. Burlington, VT: University of Vermont, Department of Psychiatry.
- Achenbach, T.M. (1991b). *Manual for the Youth Self-Report and 1991 profile*. Burlington, VT: University of Vermont, Department of Psychiatry.
- Adelstein, J.S., Shehzad, Z., Mennes, M., DeYoung, C.G., Zuo, X.-N., Kelly, C., Margulies, D.S., Bloomfield, A., Gray, J.R., Castellanos F.X., & Milham, M.P. (2011). Personality is reflected in the brain's intrinsic functional architecture. *PLoS ONE* 6:e27633. <https://doi.org/10.1371/journal.pone.0027633>
- Admon, R., Milad, M.R., & Hendler, T.(2013). A causal model of post-traumatic stress disorder: disentangling predisposed from acquired neural abnormalities. *Trends Cogn Sci*, 17(7),337-347. <https://doi.org/10.1016/j.tics.2013.05.005>
- Aghajani, M., Veer, I.M., Van Hoof, M.J., Rombouts, S.A.R.B., Van der Wee, N.J.A., & Vermeiren, R.R.J.M. (2016). Abnormal functional architecture of amygdala-centered networks in adolescent posttraumatic stress disorder. *Hum Brain Mapp*, 37, 1120-1135. doi: 10.1002/hbm.23093
- Aghajani, M., Veer, I.M., Van Lang, N.D.J., Meens, P.H.F., Van den Bulk, B.G., Rombouts, S.A.R.B., Vermeiren, R.R.J.M., & Van der Wee, N.J. (2013). Altered white-matter architecture in treatment-naïve adolescents with clinical depression. *Psychol Med*, 44(11), 2287–2298. doi:10.1017/S0033291713003000
- Agrawal, H.R., Gunderson, J., Holmes, B., & Lyons-Ruth, K. (2004). Attachment studies with borderline patients: A review. *Harvard Rev Psychiatry*, 12(2), 94–104. doi:10.1080/10673220490447218
- Ahmed, S.P., Bittencourt-Hewitt, A., & Sebastian, C.L. (2015). Neurocognitive bases of emotion regulation development in adolescence. *Dev Cogn Neurosci*, 11-25. doi: 10.1016/j.dcn.2015.07.006
- Aikins, J.W., Howes, C., & Hamilton, C. (2009). Attachment stability and the emergence of unresolved representations during adolescence. *Attach Hum Dev*, 11(5), 491–512. doi:10.1080/14616730903017019
- Ainsworth, M.D., & Bell, S.M. (1970). Attachment, exploration, and separation: illustrated by the behavior of one year-olds in a strange situation. *Child Dev*, 41, 49-67.
- Albert, R., & Barabási, A.-L. (2002a). Statistical mechanics of complex networks. *Reviews of Modern Physics*, 74 (1), 47–97. doi:10.1103/RevModPhys.74.47. ISSN 0034-6861.
- Alexander, A.L., Lee, J.E., Lazar, M., & Field, A.S. (2007). Diffusion Tensor Imaging of the brain. *Neurotherapeutics*, 4(3), 316-329. <https://doi.org/10.1016/j.nurt.2007.05.011>
- Allen, J.P. (2008). The attachment system in adolescence. In J. Cassidy & P.R. Shaver (Eds.), *Handbook of attachment: Theory, research and clinical applications* (2nd ed., pp. 419–435). New York, NY: The Guilford Press.
- Allen, J.P., Moore, C., Kuperminc, G., & Bell, K. (1998). Attachment and adolescent psychosocial functioning. *Child Dev*, 69(5), 1406-1419. doi: 10.2307/1132274

- Alonso, G. (2000). Prolonged corticosterone treatment of adult rats inhibits the proliferation of oligodendrocyte progenitors present throughout white and gray matter regions of the brain. *Glia*, 31(3), 219-231. [https://doi.org/10.1002/1098-1136\(200009\)31:3<219::aid-glia30>3.0.co;2-r](https://doi.org/10.1002/1098-1136(200009)31:3<219::aid-glia30>3.0.co;2-r)
- American Academy of Child and Adolescent Psychiatry (2010). Practice Parameter for the Assessment and Treatment of Children and Adolescents with Posttraumatic Stress Disorder. *J Am Acad Child Adolesc Psychiatry*, 49(4), 414-430. <https://doi.org/10.1016/j.jaac.2009.12.020>
- American Psychiatric Association (APA)(1994). *Diagnostic and statistical manual of mental disorders* (4th ed.). Washington, DC: Author.
- American Psychiatric Association. (2000). *Diagnostic and statistical manual of mental disorders* (4th ed., Text rev.). Washington, DC: Author.
- American Psychiatric Association (APA)(2013). *Diagnostic and statistical manual of mental disorders* (5th ed., pp. 5–25). Arlington, VA: American Psychiatric Publishing.
- Anda, R.F., Felitti, V. J., Bremner, J.D., Walker, J.D., Whitfield, C., Perry, B.D., Dube, S.R., & Giles, W.H. (2006). The enduring effects of abuse and related adverse experiences in childhood. A convergence of evidence from neurobiology and epidemiology. *Eur Arch Psychiatry Clin Neurosci*, 256, 174–186. doi:10.1007/s00406-005-0624-4
- Andersen, S.L. (2003). Trajectories of brain development: point of vulnerability or window of opportunity? *Neurosci Biobehav Rev*, 27(1-2), 3-18. doi: 10.1016/S01497634(03)00005-8
- Anderson, J.P., Bush, J.W., & Berry, C.C. (1986). Classifying function for health outcome and quality-of-life evaluation. Self-versus interviewer modes. *Med Care*, 24(5), 454-69. <https://doi.org/10.1097/00005650-198605000-00008>
- Andersson, L.R., Jenkinson, M., & Smith, S. (2007a). Non-linear optimisation. *fMRIB technical report TR07JA1* from www.fmrib.ox.ac.uk/analysis/techrep
- Andersson, L.R., Jenkinson, M., & Smith, S. (2007b). Non-linear registration, aka Spatial Normalization. *fMRIB technical report TR07JA2* from www.fmrib.ox.ac.uk/analysis/techrep
- Arco-Tirado, J.L., Bojica, A., Fernández-Martin, F., & Hoyle, R.H. (2019). Grit as predictor of entrepreneurship and self-employment in Spain. *Front Psychol*, 10.389./fpsyg.2019.00389
- Armour, C. (2015). The underlying dimensionality of PTSD in the diagnostic and statistical manual of mental disorders: where are we going? *Eur J Psychotraumatol*, 6, 28074. doi.org/10.3402/ejpt.v6.28074
- Armstrong, J.G., Putnam, F.W., Carlson, E.B., Libero, D.Z., & Smith, S.R. (1997). Development and validation of a measure of adolescent dissociation: The adolescent dissociative experiences scale. *J Nerv Ment Disorders*, 185(8), 491–497. doi:10.1097/00005053199708000-00003
- Atkinson, L., Leung, E., Goldberg, S., Benoit, D., Poulton, L., Myhal, N., Blokland, K., & Kerr, S. (2009). Attachment and selective attention: disorganization and emotional Stroopreaction time. *Dev Psychopathol*, 21, 99 126. doi:10.1017/S0954579409000078

- Atkinson, L., Goldberg, S., Raval, V., Pederson, D., Benoit, D., Moran, G., Poulton, L., Myhal, N., Zwiers, M., Gleason, K., & Leung, E. (2005). On the relation between maternal state of mind and sensitivity in the prediction of infant attachment security. *Dev Psychol*, 41(1), 42-53.
<https://doi.org/10.1037/0012-1649.41.1.42>
- Ayling, E., Aghajani, M., Fouche, J.P., & Van der Wee, N. (2012). Diffusion tensor imaging in anxiety disorders. *Curr Psychiatry Rep* 14(3), 197-202. doi: 10.1007/s11920-0120273-z

B

- Baas, D., Aleman, A., & Kahn, R.S.(2004). Lateralization of amygdala activation: a systematic review of functional neuroimaging studies. *Brain Res Brain Res Rev*, 45(20),96-103.
<https://doi.org/10.1016/j.brainresrev.2004.02.004>
- Badura-Brack, A.S., Naim, R., Ryan, T.J., Levy, O., Abend, R., Khanna, M.M., McDermott, T.J., Pine, D.S., & Bar Haim, Y. (2015). Effect of attention training on attention bias variability and PTSD symptoms: randomized controlled trials in Israeli and U.S. Combat veterans. *Am J Psychiatry*, 172(12), 1233-41. doi: 10.1176/appi.ajp.2015.14121578
- Bakermans-Kranenburg, M.J., & Van IJzendoorn, M.H. (1993). A psychometric study of the Adult Attachment Interview: Reliability & and discriminant validity. *Dev Psychol*, 29, 870–879. doi:10.1037/00121649.29.5.870
- Bakermans-Kranenburg, M.J., & Van IJzendoorn, M.H. (2007). The hidden efficacy of interventions: gene x environment experiments from a differential susceptibility perspective. *Annu Rev Psychol*, 66, 11.1 11.29. doi: 10.1146/annurev-psych-010814015407
- Bakermans-Kranenburg, M.J., & Van IJzendoorn, M.H. (2009). The first 10,000 Adult Attachment Interviews: Distributions of adult attachment representations in clinical and non-clinical groups. *Attach Hum Dev*, 11(3), 223–263. doi:10.1080/14616730902814762
- Barabási, A.-L., & Albert, R. (1999). Emergence of scaling in random networks. *Science*, 286(5439), 509–512. doi:10.1126/science.286.5439.509.
- Bar-Haim, Y., Lamy, D., Pergamin, L., Bakermans-Kranenburg, M.J., & Van IJzendoorn, M.H. (2007). Threat related attentional bias in anxious and nonanxious individuals: a meta-analytic study. *Am Psychol Bull*, 133(1), 1-24. doi: 10.1037/00332909.133.1.1
- Barone, L., Fossati, A., & Guiducci, V. (2011). Attachment mental states and inferred pathways of development in borderline personality disorder: A study using the Adult Attachment Interview. *Attach Hum Dev*, 13(5), 451–469. doi:10.1080/14616734.2011.602245
- Bateson, G. (2000) [1972]. Steps to an Ecology of Mind: collected essays in Anthropology, Psychiatry, Evolution, and Epistemology. Chicago, IL: University of Chicago Press. Beckes, L., IJzerman, H., & Tops, M. (2015). Toward a radically embodied neuroscience of attachment and relationships. *Hypothesis and theory*, 9(266), 1-18. doi: 10.3389/fnhum.2015.00266
- Beijersbergen, M.D. (2008). *The Adult Attachment Interview. Coherence & validation in adolescents*. Veenendaal,

- the Netherlands: Universal Press. Dissertation. Beijersbergen, M.D., Bakermans-Kranenburg, M.J., Van IJzendoorn, M.H., & Juffer, F. (2008). Stress regulation in adolescents: Physiological reactivity during the Adult Attachment Interview and conflict interaction. *Child Dev*, 79(6), 1707–1720. doi:10.1111/cdev.2008.79.issue-6
- Beijersbergen, M.D., Juffer, F., Bakermans-Kranenburg, M.J., & Van IJzendoorn, M.H. (2012). Remaining or becoming secure: Parental sensitive support predicts attachment continuity from infancy to adolescence in a longitudinal adoption study. *Dev Psychol*, 48(5), 1277–1282. doi:10.1037/a0027442
- Belsky, J. (1997a). Attachment, mating, and parenting: an evolutionary interpretation. *Hum Nat*, 8(4), 361-81. doi: 10.1007/BF02913039
- Belsky, J. (1997b). Theory testing, effect size evaluation, and differential susceptibility to rearing influence: the case of mothering and attachment. *Child Dev*, 68(4), 598-600. doi: 10.1111/j.1467-8624.1997.tb04221.x
- Belsky, J., & Fearon, R.M. (2002a). Early attachment security, subsequent maternal sensitivity, and later child development: does continuity in development depend upon continuity of caregiving? *Attach Hum Dev*, 4(3), 361-87. <https://doi.org/10.1080/14616730210167267>
- Belsky, J., & Fearon, R.M. (2002b). Infant-mother attachment security, contextual risk, and early development: a moderational analysis. *Dev Psychopathol*, 14(2), 293-310.
- Benchoufi, M., & Ravaud, P. (2017). Blockchain technology for improving clinical research quality. *Trials*, 18, 335. doi: 10.1186/s13063-017-2035-z
- Benetti, S., McCrory, E., Arulanantham, S., De Sanctis, T., McGuire, P., & Mechelli, A. (2010). Attachment style, affective loss, and gray matter volume: A voxel-based morphometry study. *Hum Brain Mapp*, 31, 1482-1489. doi: 10.1002/hbm.20954
- Benoit, D., & Parker, K.C.H. (1994). Stability and transmission of attachment across three generations. *Child Dev*, 65, 1444–1457. doi: 10.2307/1131510
- Bentovim, A., Cox, A., Bingley Miller, L., & Pizzey, S. (2009). *Safeguarding children living with trauma and family violence. Evidence-based assessment, analysis and planning interventions*. London, UK: Jessica Kingsley Publishers.
- Bernard, K., Lind, T., & Dozier, M. (2014). Neurobiological consequences of neglect and abuse. In J.E. Korbin, & K.D. Krugman (Eds.), *Handbook of child maltreatment: Contemporary issues in research and policy* (pp.205-223). Dordrecht, the Netherlands: Springer.
- Bernstein, E.M., & Putnam, F.W. (1986). Development, reliability, and validity of a dissociation scale. *J Nerv Mental Dis*, 174(12), 727–735. doi:10.1097/00005053198612000-00004
- Bersani, G., MoscarIELLO, M.A., Bersani, F.S., Colletti, C., Anastasia, A., Prinzivalli, E., Valeriani G., & Salviati, M. (2014). Dissociative symptoms in female patients with mood and anxiety disorders: A psychopathological and temperamental investigation. *Eur Rev Med Pharmacol Sci*, 18, 3217–3222.
- Bicanič, I.A.E. (2014). *Psychobiological correlates of rape in female adolescents*. Enschede, the Netherlands: Ipskamp Drukkers. Dissertation.
- Bicanič, I., de Jongh, A., & ten Broeke, E. (2015). Stabilisatie in traumabehandeling bij complexe PTSS: noodzaak

- of mythe? *Tijdschrift voor Psychiatrie*, 57(5), 332-339.
- Blakemore, S.-J. (2012a). Development of the social brain in adolescence. Review. *J R Soc Med*, 105, 111-116. doi: 10.1258/jrsm.2011.110221
- Blakemore, S.-J. (2012b). Imaging brain development: The adolescent brain. *Neuroimage*, 61, 397–406. doi: 10.1016/j.neuroimage.2011.11.080
- Bowlby, J. (1969). *Attachment and loss*. New York, NY: Basic Books.
- Bowlby, J. (1969/1982). *Attachment and Loss, Vol. I: Attachment*. New York, NY: Basic Books.
- Bowlby, J. (1969). *Attachment and Loss, Vol. I: Attachment*. London, UK: Hogarth Press.
- Bowlby, J. (1973). *Attachment and Loss, vol. II: Separation*. New York, NY: Basic Books.
- Bowlby, J. (1980). *Attachment and Loss, vol. III: Loss*. New York, NY: Basic Books.
- Bowlby, J. (1988). *A secure base*. New York, NY: Basic Books.
- Brenning, K.M., & Braet, C. (2013). The emotion regulation model of attachment: an emotion specific approach. *Pers Relat*, 20, 107-123. doi: 10.1111/j.14756811.2012.01399.x
- Bretherton, I., & Munholland, K.A. (2016). The internal working model construct in light of contemporary neuroimaging research. In J. Cassidy, & P.R. Shaver (Eds.), *Handbook of Attachment. Theory, research and clinical application* (3rd ed.)(pp.63-88). New York, NY, London, UK: The Guilford Press.
- Briere, J. (1996). *Trauma Symptom Checklist for Children (TSCC) professional manual*. Odessa, FL: Psychological Assessment Resources.
- Brown, R.J. (2006). Different types of “dissociation” have different psychological mechanisms. *J Trauma Dissociation*, 7(4), 7-28. doi: 10.1300/J229v07n04_02
- Brown, T.A., DiNardo, P.A., Lehman, C.L., & Campbell, L.A. (2001). Reliability of DSM-IV anxiety and mood disorders: Implications for the classification of emotional disorders. *J Abnorm Psychol*, 110(1), 49–58. doi: 10.1037//0021-843X.110.1.49
- Brown, V.M., & Morey, R.A. (2012). Neural systems for cognitive and emotional processing in posttraumatic stress disorder. *Front Psychol*, 3(449), 1-14. doi: 10.3389/fpsyg.2012.00449
- Brüne, M., Belsky, J., Fabrega, H., Feierman, J.R., Gilbert, P., Glantz, K., Polimeni, J., Price, J.S., Sanjuan, J., Sullivan, R., Troisi, A., & Wilson, D.R. (2012). The crisis of psychiatry insights and prospects from evolutionary theory. *World Psychiatry*, 11(1), 55-7. <https://doi.org/10.1016/j.wpsyc.2012.01.009>
- Bryant, R.A. (2007). Does dissociation further our understanding of PTSD? *J Anxiety Disord*, 21, 183-191. doi: 10.1061/j.janxdis.2006.09.012
- Buchheim, A., Erk, S., George, C., Kächele, H., Ruchow, M., Spitzer, M., Kircher, T., & Walter, H. (2006b). Measuring attachment representation in an fMRI environment: A pilot study. *Psychopathol*, 39, 144-152. doi: 10.1159/000091800
- Buchheim, A., George, C., Erk, S., Kächele, H., & Walter, H. (2006a). Measuring attachment representation in an fMRI environment: Concepts and assessment. *Psychopathol*, 39, 136-143. doi: 10.1159/000091799
- Buchheim, A., Erk, S., George, C., Kächele, H., Kircher, T., Martius, P., Pokorny, D., Ruchow, M., Spitzer, M.,

& Walter, H. (2008). Neural correlates of attachment trauma in borderline personality disorder: a functional magnetic resonance imaging study. *Psychiatr Res: Neuroimaging* 163, 223-235. doi:10.1016/j.psychres.2007.07.001

- Bücker, J., Muralidharan, K., Torres, I.J., Su, W., Kozicky, J., Silveira, L.E., Bond, D.J., Honer, W.G., Kauer Sant'Anna, M., Lam, R.W., & Yatham, L.N. (2014). Childhood maltreatment and corpus callosum volume in recently diagnosed patients with bipolar I disorder: data from the systematic treatment optimization program for early mania (STOPEM). *J Psychiatr Res*, 48(1), 65-72. doi: 10.1016/j.jpsychires.2013.10.012
- Budde, M.D., Xie, M., Cross, A.H., & Song, S.K. (2009). Axial diffusivity is the primary correlate of axonal injury in the experimental autoimmune encephalomyelitis spinal cord: a quantitative pixelwise analysis. *Neurosci*, 29(9), 2805-2813. doi: 10.1523/JNEUROSCI.4605-08.2009
- Bullmore, E., & Sporns, O. (2009). Complex brain networks: graph theoretical analysis of structural and functional systems. *Nat Rev Neurosci* 10(3), 186–198. <https://doi.org/10.1038/nrn2575>

C

- Calem, M., Bromis, K., McGuire, P., Morgan, C., & Kempton, M.J. (2017). Meta-analysis of associations between childhood adversity and hippocampus and amygdala volume in non-clinical and general population samples. *Neuroimage: Clin*, 14, 471–479. doi: 10.1016/j.nicl.2017.02.016
- Casey, B.J., Jones, R.M., Levita, L., Libby, V., Pattwell, S., Ruberry, E., Soliman, F., & Somerville, L.H. (2010). The Storm and stress of adolescence: insights from human imaging and mouse genetics. *Dev Psychobiol*, 52(3), 225-235. doi:10.1002/dev.20447
- Caspi, A., Houts, R.M., Belsky, D.W., Goldman-Mellor, S.J., Harrington, H., Israel, S., Meier, M.H., Ramrakha, S., Shalev, I., Poulton, R., & Moffitt, T.E. (2014). The p-factor: one general psychopathology factor in the structure of psychiatric disorders? *Clin Psychol Sci*, 2(2), 119-137. doi: 10.1177/2167702613497473
- Caspi, A., McClay, J., Moffitt, T. E., Mill, J., Martin, J., Craig, I. W., Taylor, A., & Poulton, R. (2002). Role of genotype in the cycle of violence in maltreated children. *Sci*, 297, 851–854. doi:10.1126/science.1072290
- Caspi, A., & Moffitt, T.E. (2018). All for one and one for all: mental disorders in one dimension. *Am J Psychiatry*, 175(9), 831-844. doi: 10.1176/appi.ajp.2018.17121383
- Cassidy, J. (2016). The nature of the child's ties. In J. Cassidy, & P.R. Shaver (Eds.), *Handbook of Attachment: Theory, research and clinical applications* (3rd ed.) (pp. 3-24). New York, NY, London, UK: The Guilford Press.
- Cassidy, J., Jones, J.D., & Shaver, P.R. (2013). Contributions of attachment theory and research: a framework for future research, translation and policy. *Dev Psychopathol*, 25(4 Pt 2), 1415-1434. doi:

10.1017/S0954579413000692.

- Cassidy, J., & Mohr, J.J. (2001). Unsolvability of fear, trauma, and psychopathology: Theory, research, and clinical considerations related to disorganized attachment across the life span. *Clin Psychol: Sci Pract*, 8(3), 275-298. <https://doi.org/10.1093/clipsy/8.3.275>
- Catani, M., & Ffytche, D.H. (2005). The rises and falls of disconnection syndromes. *Brain*, 128, 2224–2239. doi: 10.1093/brain/awh622
- Cattaneo, L., & Rizzolatti, G. (2009). The mirror neuron system. *Arch Neurol*, 66(5), 557–60. doi: 10.1001/archneurol.2009.41
- Cavanna, A.E. (2007). The precuneus and consciousness. *CNS Spectr*, 12(7), 545–52. <https://doi.org/10.1017/s1092852900021295>
- Cavanna, A.E., & Trimble, M.R. (2006). The precuneus: a review of its functional anatomy and behavioural correlates. *Brain*, 129, 564–583. doi: 10.1093/brain/awl004
- Chen, A.C., & Etkin, A. (2013). Hippocampal network connectivity and activation differentiates post-traumatic stress disorder from generalized anxiety disorder. *Neuropsychopharmacol*, 38, 1889–1898. doi: 10.1038/npp.2013.122
- Choi, K.R., Seng, J.S., Briggs, E.C., Munro-Kramer, M.L., Graham-Bermann, S.A., Lee, R.C., & Ford, J.D. (2017). The dissociative subtype of posttraumatic stress disorder (PTSD) among adolescents: co-occurring PTSD, depersonalization/derealization, and other dissociation symptoms. *J Am Acad Child Adolesc Psychiatry* 56(12), 1062–1072. doi: 10.1016/j.jaac.2017.09.425
- Chorpita, B.F., Yim, L., Moffitt, C., Umemoto, L.A., & Francis, S.E. (2000). Assessment of symptoms of DSM-IV anxiety and depression in children: a revised child anxiety and depression scale. *Behav Res Ther*, 38(8), 835–55. doi: 10.1016/S00057967(99)00130-8
- Christiansen, D.M., & Hansen, M. (2015). Accounting for sex differences in PTSD: A multi variable mediation model. *Eur J Psychotraumatol*, 19(6), 26068. doi:10.3402/ejpt.v6.26068
- Chung, M.K., Worsley, K.J., Paus, T., Cherif, C., Collins, D.L., & Giedd, J.N., Rapoport, J.L., & Evans, A.C. (2001). A unified statistical approach to deformation-based morphometry. *Neuroimage*, 14(3), 595–606. doi: 10.1006/nimg.2001.0862
- Cicchetti, D., & Toth, S.L. (1995). A developmental psychopathology perspective on child abuse and neglect. *J Am Acad Child Adolesc Psychiatry*, 34(5), 541–565. doi:10.1097/00004583-199505000-00008
- Cisler, J.M., & Koster, E.H.W. (2010). Mechanisms of attentional biases towards threat in the anxiety disorders: an integrative review. *Clin Psychol Rev*, 30(2), 203. doi: 10.1016/j.cpr.2009.11.003
- Cisler, J.M., Steele, J.S., Smitherman, S., Lenow, J.K., & Kilts, C.D. (2013). Neural processing correlates of assaultive violence exposure and PTSD symptoms during implicit threat processing: a network-level analysis among adolescent girls. *Psychiatry Res: Neuroimaging*, 214, 238–246. doi: 10.1016/j.pscychresns.2013.06.003
- Cisler, J.M., Sigel, B.A., Kramer, T.L., Smitherman, S., Vanderzee, K., Pemberton, J., & Kilts, C.D. (2015). Amygdala response predicts trajectory of symptom reduction during Trauma-Focused Cognitive-Behavioral Therapy among adolescent girls with PTSD. *J Psychiatric Res*, 71, 33–40. doi: 10.1016/j.jpsychires.2015.09.011

- Clark, K.N., & Malecki, C.K. (2019). Academic Grit Scale: psychometric properties and associations with achievement and life satisfaction. *J School Psychol*, 72, 49-66. <https://doi.org/10.1016/j.jsp.2018.12.001>
- Cloitre, M. (2015). The “one size fits all” approach to trauma treatment: Should we be satisfied? *Eur J Psychotraumatol*, 6, 27344, doi: 10.3402/ejpt.v6.27344
- Cloitre, M., Garvert, D.W., Brewin, C.R., Bryant, R.A., & Maercker, A. (2013). Evidence for proposed ICD-11 PTSD and complex PTSD: a latent profile analysis. *Eur J Psychotraumatol*, 4, 20706. doi: 10.3402/ejpt.v4i0.20706
- Cloitre, M., Garvert, D.W., Weiss, B., Carlson, E.B., & Bryant, R.A. (2014). Distinguishing PTSD, Complex PTSD, and Borderline Personality Disorder: a latent class analysis. *Eur J Psychotraumatol*, 5, 25097. doi: 10.3402/ejpt.v5.25097
- Cloitre, M., Stolbach, B.C., Herman, J. L., Van der Kolk, B., Pynoos, R., Wang, J., & Petkova, E. (2009). A developmental approach to complex PTSD: Childhood and adult cumulative trauma as predictors of symptom complexity. *J Trauma Stress*, 22(5), 399–408. doi:10.1002/jts.20444
- Cocosco, C.A., Kollokian, V., Kwan, R.K.S., & Evans, A.C. (1997). BrainWeb: online interface to a 3D MRI simulated brain database. *Neuroimage* 5, s425.
- Collishaw, S., Pickles, A., Messer, J., Rutter, M., Shearer, C., & Maughan, B. (2007). Resilience to adult psychopathology following childhood maltreatment: evidence from a community sample. *Child Abuse Negl*, 31(3), 211-229. doi:10.1016/j.chiabu.2007.02.004
- Committee on Professional Practice and Standards, APA Board of Professional Affairs (2013). Guidelines for psychological evaluations in child protection matters. *Am Psychol*, 68(1), 20–31. doi:10.1037/a0029891
- Crawford, J.R., Mychalkiw, B., Johnson, D.A., & Moore, J.W. (1996). WAIS-R short-forms: Criterion validity in healthy and clinical samples. *Br J Clin Psychol*, 35, 638–640. doi:10.1111/bjc.1996.35.issue-4
- Crone, E.A.(2014). The role of the medial frontal cortex in the development of cognitive a social affective performance monitoring. *Psychophysiol*, 51,943-950. doi: 10.1111/psyp.12252
- Crone, E.A. & Dahl, R.E. (2012). Understanding adolescence as a period of social-affective engagement and goal flexibility. *Nat Rev Neurosci*, 13, 636-650. doi:10.1038/nrn3313
- Crowell, J.A., Waters, E., Treboux, D., O'Connor, E., Colon-Downs, C., & Feider, O. (1996). Discriminant validity of the Adult Attachment Interview. *Child Dev*, 67, 2584–2599.
- Crozier, J.C., Wang, L., Huettel, S.A., & De Bellis, M.D. (2014). Neural correlates of cognitive and affective processing in maltreated youth with posttraumatic stress symptoms: does gender matter? *Dev Psychopathol*, 26(2), 491-513. doi:10.1017/S095457941400008X
- Cyr, C., Euser, E.M., Bakermans-Kranenburg, M.J., & Van IJzendoorn, M.H. (2010). Attachment security and disorganization in maltreating and high-risk families: a series of meta-analyses. *Dev Psychopathol*, 22, 87 108. doi:10.1017/S0954579409990289

D

- Damasio, A.R. (1996). The somatic marker hypothesis and the possible functions of the prefrontal cortex. *Philos Trans R Soc Lond B Biol Sci*, 351(1346), 1413-20.
- D'Andrea, W., Ford, J., Stolbach, B., Spinazolla, J., & Van der Kolk, B.A. (2012). Understanding interpersonal trauma in children: why we need a developmentally appropriate trauma diagnosis. *Am J Orthopsychiatry*, 82(2), 187-200. doi: 10.1111/j.19390025.2012.01154.x
- Daniels, J.K., Lamke, J.P., Gaebler, M., Walter, H., & Scheel, M. (2013). White matter integrity and its relationship with PTSD and childhood trauma – a systematic review and meta-analysis. *Depress Anxiety*, 30(3), 207-216. doi: 10.1002/da.22044
- Darwin, C. (1998). The expression of the emotions in man and animals, 3rd edn (ed. P. Ekman). London, UK: Harper.
- DeBellis, M.D., Casey, B.J., Dahl, R.E., Birmaher, B., Williamson, D.E., Thomas, K.M., Axelson, D.A., Frustaci, K., Boring, A.M., Hall, J., & Ryan, N.D. (2000). A pilot study of amygdala volumes in pediatric generalized anxiety disorder. *Biol Psychiatry*, 48, 51-57. doi: [10.1016/S0006-3223\(00\)00835-0](https://doi.org/10.1016/S0006-3223(00)00835-0)
- De Wolff, M.S., & Van IJzendoorn, M.H. (1997). Sensitivity and attachment: a meta-analysis on parental antecedents of infant attachment. *Child Dev*, 68(4), 571-591. <https://doi.org/10.2307/1132107>
- Diehle, J., de Roos, C., Boer, F., & Lindauer, R.J.L. (2015). De Nederlandse versie van de Clinician Administered PTSD Scale for Children and Adolescents. In: Kind en Trauma. Houten, the Netherlands: Bohn Stafleu van Loghum.
- Dijkgraaf, R. (2019). Het isgelijk teken. Amsterdam: Uitgeverij Prometheus.
- Ding, Z., Huang, Y., Bailey, S.K., Gao, Y., Cutting, L.E., Rogers, B.P., Newton, A.T., & Gore, J.C. (2018). Detection of synchronous brain activity in white matter tracts at rest and under functional loading. *PNAS*, 115(3), 595-600. <https://doi.org/10.1073/pnas.1711567115>
- Dorrepaal, E., Thomaes, K., Smit, J.H., Hoogendoorn, A., Veltman, D.J., Van Balkom, A.J.L.M., & Draijer, N. (2012). Clinical phenomenology of childhood abuse-related complex PTSD in a population of female patients: patterns of personality disturbance. *J Trauma Dissociation*, 13(3), 271-90. doi:10.1073/pnas.1711567115/DCSupplemental
- Dozier, M., Kaufman, J., Kobak, R., O'Connor, T.G., Sagi-Schwartz, A., Scott, S., Shaffer, C., Smetana J., Van IJzendoorn, M.H., & Zeanah, C.H. (2014). Consensus statement on group care for children and adolescents: a statement of policy of the American Orthopsychiatric Association. *Am J Orthopsychiatry*, 84(3), 219-225. doi: 10.1037/ort0000005
- Dozier, M., Chase Stovall-McClough, K., & Albus, K.E. (2008). Attachment and psychopathology in adulthood. In J. Cassidy & P.R. Shaver (Eds.), *Handbook of attachment: Theory, research and clinical applications* (2nd ed., pp. 718-744). New York, NY: The Guilford Press.
- Drewes, M.J., & Westenberg, P.M. (2001). The impact of modified instructions on ego-level scores: A psychometric hazard or indication of optimal ego level? *J Personal Assess*, 76(2), 229-249.



doi:10.1207/S15327752JPA7602_07

- Duchesne, S., & Ratelle, C.F. (2014). Attachment security to mothers and fathers and the developmental trajectories of depressive symptoms in adolescence: Which parent for which trajectory? *J Youth Adolesc*, 43, 641–654. doi:10.1007/s10964-0130029-z
- Duncan, J., Seitz, R.J., Kolodny, J., Bor, D., Herzog, H., Ahmed, A., Newell, F.N., & Emslie, H. (2000). A neural basis for general intelligence. *Science*, 289(5478):457-60.

E

- Ekman, P. (2009). Darwin's contributions to our understanding of emotional expressions. *Philos Trans R Soc Lond B Biol Sci*, 364(1535), 3449-51. doi: 10.1098/rstb.2009.0189.
- Elliott, M.L., Romer, A., Knodt, A.R., & Hariri, A.R. (2018). A Connectome wide functional signature of transdiagnostic risk for mental illness. *Biol Psychiatry* 84,452–459. doi: 10.1016/j.biopsych.2018.03.012
- Essau, C.A. (2008). Comorbidity of depressive disorders among adolescents in community and clinical settings. *Psychiatry Res*, 158(1), 35-42. doi: 10.1016/j.psychres.2007.09.007
- Etkin, A., Egmer, T., & Kalisch, R.(2011). Emotional processing in anterior cingulate and medial prefrontal cortex. *Trends Cogn Sci*, 15(2),85-93.doi:10.1016/j.tics.2010.11.004

F

- Fearon, R.P., Bakermans-Kranenburg, M.J., Van IJzendoorn, M.H., Lapsley, A.M., & Roisman, G.I. (2010). The significance of insecure attachment and disorganization in the development of children's externalizing behavior: a meta-analytic study. *Child Dev*, 81(2), 435-56. doi: 10.1111/j.1467-8624.2009.01405.x.
- Fearon, R.P. & Belsky, J. (2004). Attachment and attention: protection in relation to gender and cumulative social contextual adversity. *Child Dev*, 75(6), 1677-93. <https://doi.org/10.1111/j.1467-8624.2004.00809.x>
- Felitti, V.J., Anda, R.F., Nordenberg, D., Williamson, D.F., Spitz, A.M., Edwards, V., Koss, M.P., & Marks, J.S. (1998). Relationship of childhood abuse and household dysfunction to many of the leading causes of death in adults. The Adverse Childhood Experiences (ACE) Study. *Am J Prev Med*, 14(4), 245-258. doi: 10.1016/S0749-3797(98)00017-8
- Felmingham, K.L., Falconer, E.M., Williams, L., Kemp, A.H., Allen, A., Peduto, A., & Bryant, R.A. (2014). Reduced amygdala and ventral striatal activity to happy faces in PTSD is associated with emotional numbing. *PLoS One*, 9(9), e103653. doi: 10.1371/journal.pone.0103653

- Feng, P., Feng, T., Chen, Z., & Lei, X. (2014). Memory consolidation of fear conditioning: bi-stable amygdala connectivity with dorsal anterior cingulate and medial prefrontal cortex. *Soc Cogn Affect Neurosci*, 9(11), 1730–1737. doi:10.1093/scan/nst170
- Fergusson, D.M., McLeod, G.F.H., & Horwood, L.J. (2013). Childhood sexual abuse and adult developmental outcomes: Findings from a 30-year longitudinal study in New Zealand. *Child Abuse Negl*, 37, 664–674. doi:10.1016/j.chiabu.2013.03.013
- Fonagy, P., & Bateman, A.W. (2016). Adversity, attachment and mentalizing. *Comprehensive Psychiatry* 64, 59–66. <https://doi.org/10.1016/j.comppsy.2015.11.006>
- Fonagy, P., Leigh, T., Steele, M., Steele, H., Kennedy, R., Mattoon, G., Target, M., & Gerber, A. (1996). The relation of attachment status, psychiatric classification and response to psychotherapy. *J Consult Clin Psychol*, 64, 22–31. doi:10.1037/0022-006X.64.1.22
- Fonagy, P., Steele, M., Moran, G., Steele, H., & Higgitt, A. (1991). The capacity for understanding mental states: The reflective self in parent and child and its significance for security of attachment. *Infant Ment Health J*, 13, 200–216. [https://doi.org/10.1002/1097-0355\(199123\)12:3<201::aid-imhj2280120307>3.0.co;2-7](https://doi.org/10.1002/1097-0355(199123)12:3<201::aid-imhj2280120307>3.0.co;2-7)
- Ford, J.D. (2015). Complex PTSD: Research directions for nosology/ assessment, treatment, and public health. *Eur J Psychotraumatol*, 6, 27584, doi: 10.3402/ejpt. v6.27584
- Ford, J.D., & Courtois, C.A. (2014). Complex PTSD, affect dysregulation, and borderline personality disorder. *Borderline Personality Disorder and Emotion Dysregulation*, 1, 9. <http://www.bpded.com/content/1/1/9>
- Fornito, A., Zalesky, A., Bassett, D.S., Meunier, D., Ellison-Wright, I., Yücel, M., Wood, S.J., Shaw, K., O'Connor, J., Nertney, D., Mowry, B.J., Pantelis, C., & Bullmore, E.T. (2011). Genetic influences on cost-efficient organization of human cortical functional networks. *J Neurosci*, 31(9):3261–70. doi: 10.1523/JNEUROSCI.485810.2011.
- Foundation for Natural Leadership. (n.d.). Our approach. Retrieved from <https://www.naturalleadership.eu>
- Fox, M.D., & Raichle, M.E. (2007). Spontaneous fluctuations in brain activity observed with magnetic resonance imaging. *Nat Rev Neurosci*, 8, 700–711. doi: [10.1038/nrn2201](https://doi.org/10.1038/nrn2201)
- Fraley, R.C., Roisman, G.I., & Haltigan, J.D. (2013). The legacy of early experiences in development: formalizing alternative models of how early experiences are carried forward over time. *Dev Psychopathol*, 49(1), 109–26. doi: 10.1037/a0027852
- Franke, B. (2016). Heritability of a general psychopathology factor in the population: potential implications for classification and treatment. *J Am Acad Child Adolesc Psychiatry*, 55(12), 1016–1017. doi: 10.1016/j.jaac.2016.10.003
- Fransson, M., Granqvist, P., Bohlén, G., & Hagekull, B. (2013). Interlinkages between attachment and the Five-Factor Model of personality in middle childhood and young adulthood: A longitudinal approach. *Attach Hum Dev*, 15(2), 219–239. doi:10.1080/14616734.2013.754985
- Frewen, P.A., & Lanius, R.A. (2014). Trauma-related altered states of consciousness: exploring the 4-D model. *J Trauma Dissociation*, 15(4), 436–56. doi: 10.1080/15299732.2013.873377

- Frigerio, A., Costantino, E., Ceppi, E., & Barone, L. (2013). Adult Attachment Interviews of women from low-risk, poverty, and maltreatment risk samples: Comparisons between the hostile/helpless and traditional AAI coding systems. *Attach Hum Dev*, 15(4), 424–442. doi:10.1080/14616734.2013.797266
- Fusar-Poli, P., Placentino, A., Carletti, F., Landi, P., Allen, P., Surguladze, S., Benedetti, F., Abbamonte, M., Gasparotti, R., Barale, F., Perez, J., McGuire, P., & Politi, P. (2009). Functional atlas of emotional faces processing: a voxel-based meta-analysis of 105 functional magnetic resonance imaging studies. *J Psychiatry Neurosci*, 34(6), 418–32.

G

- Galaburda, A.M., Rosen, G.D., & Sherman, G.F. (1990). Individual variability in cortical organization: its relationship to brain laterality and implications to function. *Neuropsychologia*, 28(6), 529–546. doi: 10.1016/0028-3932(90)90032-J
- Galinowski, A., Miranda, R., Lemaitre, H., Paillere Martinot, M.L., Artiges, E., Vulser, H., Goodman, R., Penttilä, J., Struve, M., Barbot, A., Fadai, T., Poustka, L., Conrod, P., Banaschewski, T., Barker, G.J., Bokde, A., Bromberg, U., Büchel, C., Flor, H., Gallinat, J., Garavan, H., Heinz, A., Ittermann, B., Kappel, V., Lawrence, C., Loth, E., Mann, K., Nees, F., Paus, T., Pausova, Z., Poline, J.-B., Rietschel, M., Robbins, T.W., Smolka, M., Schumann, G., Martinot, J.-L., & the IMAGEN Consortium (2015). Resilience and corpus callosum microstructure in adolescence. *Psychol Med*, 45(11), 2285–2294. doi: 10.1017/S0033291715000239
- Garnefski, N., Kraaij, V., & Spinhoven, P. (2002). *Manual for the use of the Cognitive Emotion Regulation Questionnaire*. Leiderdorp, the Netherlands: DATEC publishers.
- Garrett, A.S., Carrion, V., Kletter, H., Karchemskiy, A., Weems, C.F., & Reiss, A. (2012). Brain activation to facial expressions in youth with PTSD symptoms. *Depress Anxiety* 29, 449–459.
<https://doi.org/10.1002/da.21892>
- Geschwind, N. (1965a). Disconnection syndromes in animals and man: part I. *Brain*, 88(2), 237–94.
<https://doi.org/10.1007/s11065-010-9131-0>
- Geschwind, N. (1965b). Disconnection syndromes in animals and man: part II. *Brain*, 88(3), 585–644.
<https://doi.org/10.1093/brain/88.3.585>
- Giedd, J.N., Clasen, L.S., Lenroot, R., Greenstein, D., Wallace, G.L. Ordaz, S., Molloy, E.A. Blumenthal, J.D., Tossell, J.W., Stayer, C., Samango-Sprouse, C.A., Shen, D., Davatzikos, C., Merke, D., & Chrousos, G.P. (2006). Puberty-related influences on brain development. *Molecular Cell Endocrinology*, 254–255, 154–162. <https://doi.org/10.1016/j.mce.2006.04.016>
- Giedd, J.N., Rumsey, J.M., Castellanos, F.X., Rajapakse, J.C., Kaysen, D., Vaituzis, A.C., Vauss, Y.C., Hamburger, S.D., & Rapoport, J.L. (1996). A quantitative MRI study of the corpus callosum in children and adolescents. *Dev Brain Res*, 91(2), 274–280. doi:10.1016/0165-3806(95)00193-X
- Goleman, D. (2004). Destructive emotions. A scientific dialogue with the Dalai Lama.

- Gospodarevskaya, E. (2013). Post-traumatic stress disorder and quality of life in sexually abused Australian children. *J Child Sex Abuse*, 22(3), 277–296. doi:10.1080/10538712.2013.743953
- Graham, B.M., & Milad, M.R. (2011). The study of fear extinction: implications for anxiety disorders. *Am J Psychiatry*, 168, 1255–1265. doi: 10.1176/appi.1jp.2011.11040557
- Grant, M.M., White, D., Hadley, J., Hutcheson, N., Shelton, R., Sreenivasan, K., & Deshpande, G. (2014). Early life trauma and directional brain connectivity within major depression. *Hum Brain Mapp*, 35, 4815–4826. doi: 10.1002/hbm.22514
- Green, J., McLaughlin, K.A., Berglund, P.A., Gruber, M.J., Sampson, N.A., Zaslavsky, A.M., & Kessler, R.C. (2010). Childhood adversities and adult psychiatric disorders in the National Comorbidity Survey Replication I: associations with first onset of DSM-IV disorders. *Arch Gen Psychiatry*, 67(2), 113–123. doi:10.1001/archgenpsychiatry.2009.186
- Groh, A.M., Roisman, G.I., Van IJzendoorn, M.H., Bakermans-Kranenburg, M.J., & Fearon, R.P. (2012). The significance of insecure and disorganized attachment for children's internalizing symptoms: a meta-analytic study. *Child Dev*, 83(2), 591–610. <https://doi.org/10.1111/j.1467-8624.2011.01711.x>
- Guo, J., Tang, X., & Xu, K.M. (2019). Capturing the multiplicative effect of perseverance and passion: measurement issues of combining to grit facets. *PNAS*, 116(10), 3938–3940. <https://www.pnas.org/cgi/doi/10.1073/pnas.1820125116>
- Gupta, D., & Morley, J.E. (2014). Hypothalamic-pituitary adrenal (HPA) axis and aging. *Compr Physiol*, 4(4), 1495–1510. doi: 10.1002/cphy.c130049

H

- Hakamata, Y., Lissek, S., Bar-Haim, Y., Britton, J.C., Fox, N.A., Leibenluft, E., Ernst, M., & Pine, D.S. (2010). Attention Bias Modification Treatment: a meta-analysis toward the establishment of novel treatment for anxiety. *Biol Psychiatry*, 68, 982–990. doi:10.1016/j.biopsych.2010.07.021
- Hall, L.M.J., Klimes-Dougan, B., Hunt, R.H., Thomas, K.M., Hourii, A., Noack, E., Mueller, B.A., Lim, K.O., & Cullen, K.R. (2014). An fMRI study in emotional face processing in adolescent major depression. *J Affect Dis*, 168, 44–50. doi:10.1016/j.jad.2014.06.037
- Hanson, J.L., Knodt, A.R., Brigidi, B.D., & Hariri, A.R. (2018). Heightened connectivity between the ventral striatum and medial prefrontal cortex as a biomarker for stress-related psychopathology: understanding interactive effects of early and more recent stress. *Psychol Med*, 48(11), 1835–1843. doi: 10.1017/S0033291717003348.
- Harari, D., Bakermans-Kranenburg, M.J., de Kloet, C.S., Geuze, E., Vermetten, E., Westenberg, H.G.M., & Van IJzendoorn, M.H. (2009). Attachment representations in Dutch veterans with and without deployment related PTSD. *Attach Hum Dev*, 11(6), 515–536. doi:10.1080/14616730903282480
- Hart, H., & Rubia, K. (2012). Neuroimaging of child abuse: a critical review. *Front Hum Neurosci*, 6(3), 1–24. doi:10.3389/fnhum.2012.00052

- Heim, C., Newport, D.J., Mletzko, T., Miller, A.H., & Nemeroff, C.B. (2008). The link between childhood trauma and depression: insights from HPA axis studies in humans. *Psychoneuroendocrinology*, 33(6), 693-710. doi: 10.1016/j.psyneuen.2008.03.008
- Henje Blom, E., Connolly, C.G., Ho, T.C., LeWinn, K.Z., Mobayed, N., Han, L., Paulus, M.P., Wu, J., Simmons, A.N., & Yang, T.T. (2015). Altered insular activation and increased insular functional connectivity during sad and happy face processing in adolescent major depressive disorders. *J Affect Dis*, 178, 215-223. doi:10.1016/j.jad.2015.03.012
- Herman, J. (1992). *Trauma and recovery*. New York, NY: Basic Books.
- 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, NY: The Guilford Press.
- Hesse, E. (2008). The Adult Attachment Interview: Protocol, method of analysis, and empirical studies. In J. Cassidy & P.R. Shaver (Eds.), *Handbook of attachment* (pp. 552-598). New York, NY: The Guilford Press.
- Hesse, E. (2016). The Adult Attachment Interview: protocol, method of analysis, and selected empirical studies: 1985-2015. In J. Cassidy, & P.R. Shaver (Eds.), *Handbook of attachment research and clinical applications* (3rd ed.) (pp. 553-597). New York, NY, London, UK: The Guilford Press.
- Hesse, E., & Main, M. (2000). Disorganized infant, child, and adult attachment: Collapse in behavioral and attentional strategies. *J Am Psychoanal Assoc*, 48 (4), 1097-1127, discussion 1175-1187. doi:10.1177/00030651000480041101
- Hommer, R.E., Meyer, A., Stoddard, J., Connolly, M.E., Mogg, K., Bradley, B.P., Pine, D.S., Leibenluft, E., & Brotman, M.A. (2014). Attention bias to threat faces in severe mood dysregulation. *Depress Anxiety*, 31(7), 559-565. doi:10.1002/da.22145
- Hopfinger, J.B. (2017). Replication and innovation versus a perfect '.05'. *Cogn Neurosci*, 8(3), 145-6. doi: 10.1080/17588928.2017.1297296
- Horsfield, M.A., & Jones, D.K. (2002). Applications of diffusion-weighted and diffusion tensor MRI to white matter diseases – a review. *NMR Biomed*, 15(7-8), 570-577. doi: 10.1002/nbm.787
- Hsiao, C., Koren-Karie, N., Bailey, H., & Moran, G. (2014). It takes two to talk: longitudinal associations among infant-mother attachment, maternal attachment representations, and mother-child emotion dialogues. *Attach Hum Dev*, 17(1), 43-64. doi: 10.1080/14616734.2014.981671

I

- Inano, S., Takao, H., Hayashi, N., Abe, O., & Ohtomo, K. (2011). Effects of age and gender on White matter integrity. *Am J Neuroradiol*, 32(11), 2103-2109. doi: 10.3174/ajnr.A2785
- Ingram, R.E., & Luxton, D.D. (2005). Vulnerability-Stress Models. In B.L. Hankin, & J.R.Z. Abela (Eds.),

Development of Psychopathology: a vulnerability stress perspective (pp. 32-46). Thousand Oaks, CA: Sage Publications Inc.

J

- Jachimowicz, J.M., Wihler, A., Bailey, E.R., & Galinsky, A.D. (2018). Why grit requires perseverance and passion to positively predict performance. *PNAS*, 115(40), 9980–9985.
www.pnas.org/cgi/doi/10.1073/pnas.1803561115
- Jacobsen, T., & Hofmann, V. (1997). Children's attachment representations: longitudinal relations to school behaviour and academic competency in middle childhood and adolescence. *Dev Psychol*, 33(4), 703-10.
- Jaddoe, V.W.V., Van Duijn, C.M., Franco, O.H., Van der Heijden, A.J., Van IJzendoorn, M.H., De Jongste, J.C., Van der Lugt, A., Mackenbach, J.P., Moll, H.A., Raat, H., Rivadeneira, F., Steegers, E.A.P., Tiemeier, H., Uitterlinden, A.G., Verhulst, F.C., & Hofman, A. (2012). The Generation R Study: design and cohort update 2012. *Eur J Epidemiol*, 27(9), 739-756. <https://doi.org/10.1007/s10654-012-9735-1>
- Jaffee, S.R., Bowes, L., Ouellet-Morin, I., Fisher, H.L., Moffitt, T.E., Merrick, M.T., & Arseneault, L. (2013). Safe, stable, nurturing relationships break the intergenerational cycle of abuse: a prospective nationally representative cohort of children in the United Kingdom. *J Adolesc Health*, 53(4 Suppl), S4-10.
doi:10.1016/j.jadohealth.2013.04.007
- Jaffee, S.R., Caspi, A., Moffitt, T.E., Polo-Tomás, M., & Taylor, A. (2007). Individual, family, and neighbourhood factors distinguish resilient from non-resilient maltreated children: a cumulative stressors model. *Child Abuse Negl*, 31(3), 231-53. <https://doi.org/10.1016/j.chiabu.2006.03.011>
- Jaffee, S.R., McFarquhar, T., Stevens, S., Ouellet-Morin, I., Melhuish, E., & Belsky, J. (2015). Interactive effects of early and recent exposure to stressful contexts on cortisol reactivity in middle childhood. *J Child Psychol Psychiatry*, 56(2), 138-46. doi:10.1111/jcpp.12287
- Janet, P. (1889). *L'Automatisme Psychologique*. Paris, France: Alcan.
- Jenkinson, M., Bannister, P., Brady, M., & Smith, S. (2002). Improved optimization for the robust and accurate linear registration and motion correction of brain images. *NeuroImage*, 17, 825-841.
[https://doi.org/10.1016/s1053-8119\(02\)91132-8](https://doi.org/10.1016/s1053-8119(02)91132-8)
- Jensen, S.K.G., Pangelinan, M., Björnholm, L., Klasnja, A., Leemans, A., Drakesmith, M., Evans, C.J., Barker, E.D., & Paus, T. (2018). Associations between prenatal childhood and adolescent stress and variations in white matter properties in young men. *Neuroimage*, 182, 389-397. doi: 10.1016/j.neuroimage.2017.10.033
- Jonkman, C.S., Verlinden, E., Bolle, E.A., Boer, F., & Lindauer, R.J.L. (2013). Traumatic stress symptomatology after child maltreatment and single traumatic events: Different profiles. *J Trauma Stress*, 26, 225–232. doi:10.1002/jts.21792



K

- Karam, E.G., Friedman, M.J., Hill, E.D., Kessler, R.C., McLaughlin, K.A., Petukhova, M., Sampson, L., Shahly, V., Angermeyer, M.C., Bromet, E.J., de Girolamo, G., de Graaf, R., Demyttenaere, K., Ferry, F., Florescu, S.E., Haro, J.M., He Y., Karam, A.N., Kawakami, N., Kovess-Masfety, V., Medina-Mora, M.E., Browne, M.A., Posada-Villa, J.A., Shalev, A.Y., Stein, D.J., Viana, M.C., Zarkov, Z., & Koenen, K.C. (2014). Cumulative traumas and risk thresholds: 12-month PTSD in the world mental health (WMH) surveys. *Depress Anxiety*, 31, 130–142. doi:10.1002/da.22169
- Kaufman, A.S., Kaufman, J.C., Balgopal, R., & McLean, J.E. (1996). Comparison of three WISC III short forms: Weighing psychometric, clinical and practical factors. *J Clin Child Psychol*, 25(1), 97–105. doi:10.1207/s15374424jccp2501_11
- Kecmanovic, D. (2012). The gradation of psychopathology: for better or for worse. *East Asian Arch Psychiatry*, 22, 75–81.
- Kessler, R.C., Avenevoli, S., Costello, J., Green, J.G., Gruber, M.J., McLaughlin, K.A., Petukhova, M., Sampson, N.A., Zaslavsky, A.M., & Merikangas, K.R. (2012). Severity of 12-month DSM-IV disorders in the National Comorbidity Survey Replication Adolescent Supplement. *Arch Gen Psychiatry*, 69(4), 381–9. <https://doi.org/10.1001/archgenpsychiatry.2011.1603>
- Kessler, R.C., Rose, S., Koenen, K.C., Karam, E.G., Stang, P.E., Stein, D.J., Heeringa, S.G., Hill, E.D., Liberzon, I., McLaughlin, K.A., McLean, S.A., Pennell, B.E., Petukhova, M., Rosellini, A.J., Ruscio, A.M., Shahly, V., Shalev, A.Y., Silove, D., Zaslavsky, A.M., Angermeyer, M.C., Bromet, E.J., de Almeida, J.M., de Girolamo, G., de Jonge, P., Demyttenaere, K., Florescu, S.E., Gureje, O., Haro, J.M., Hinkov, H., Kawakami, N., Kovess-Masfety, V., Lee, S., Medina-Mora, M.E., Murphy, S.D., Navarro-Mateu, F., Piazza, M., Posada-Villa, J., Scott, K., Torres, Y., & Carmen Viana, M. (2014). How well can posttraumatic stress disorder be predicted from pre-trauma risk factors? An exploratory study in the WHO World Mental Health Surveys. *World Psychiatry*, 13, 265–274. doi:10.1002/wps.20150
- Kim, Y.-R., Blashfield, R., Tyrer, P., Hwang, S.-T., & Lee, H.-S. (2014). Field trial of a putative research algorithm for diagnosing ICD-11 personality disorders in psychiatric patients: 1. Severity of personality disturbance. *Pers Ment Health*, 8(1), 67–78. doi:10.1002/pmh.v8.1
- Kim-Spoon, J., Cicchetti, D., & Rogosch, F.A. (2013). A longitudinal study of emotion regulation, emotion lability negativity, and internalizing symptomatology in maltreated and non-maltreated children. *Child Dev*, 84(2), 512–527. doi:10.1111/cdev.2013.84.issue-2
- Koenis M.M.G., Brouwer, R.M., Van den Heuvel, M.P., Mandl, R.C.W., Van Soelen, I.L.C., Kahn, R.S., Boomsma, D.I., & Hulshoff Pol, H.E. (2015). Development of the brain's structural network efficiency in early adolescence: a longitudinal DTI Twin Study. *Hum Brain Mapp*, 36, 4938–4953. doi: 10.1002/hbm.22988
- Kok, R., Thijssen, S., Bakermans-Kranenburg, M.J., Jaddoe, V.W.V., Verhulst, F.C., White, T., Van IJzendoorn, M.H., & Tiemeier, H. (2015) Normal variation in early parental sensitivity predicts child structural brain development. *J Am Acad Child Adolesc Psychiatry*, 54(10), 824–831. doi: 10.1016/j.jaac.2015.07.009

- Koolschijn, P.C., Van IJzendoorn, M.H., Bakermans-Kranenburg, M.J., & Crone, E.A. (2013). Hippocampal volume and internalizing behavior problems in adolescence. *Eur Neuropsychopharmacol*, 23,622-628. doi: 10.1016/j.euroneuro.2012.07.001
- Koss, K.J., & Gunnar, M.R. (2018). Annual research review: early adversity, the hypothalamic-pituitary adrenocortical axis, and child psychopathology. *J Child Psychol Psychiatry*, 59(4):327-346. doi:10.1111/jcpp.12784.
- Kovačs, M. (1985). The Children's Depression Inventory (CDI). *Psycho-pharmacology Bulletin*, 21, 995-998. <https://doi.org/10.1002/9781118625392.wbecp419>
- Kovačs, M. (1992). *Children's Depression Inventory (CDI) manual*. New York, NY: Multi Health Systems.
- Krain Roy, A.L., Vasa, R.A., Bruck, M., Mogg, K., Bradley, B.P., Sweeney, M., Berman, L., McClure-Tone, E.B., Pine, D.S., & CAMS Team (2008). Attention bias toward threat in pediatric anxiety disorders. *J Am Acad Child Adolesc Psychiatry*, 47(10), 1189-1196. doi: 10.1097/CHI.0b013e3181825ace
- Krause, A.L., Borchardt, V., Li, M., Van Tol, M.J., Demenescu, L.R., Strauss, B., Kirchmann, H., Buchheim, A., Metzger, C.D., Nolte, T., & Walter, M. (2016). Dismissing attachment characteristics dynamically modulate brain networks subserving social aversion. *Front Hum Neurosci*, 9(10), 77. doi: 10.3389/fnhum.2016.00077

L

- Lahey, B.B., Applegate, B., Hakes, J.K., Zald, D.H., Hariri, A.R., & Rathouz, P.J. (2012). Is there a general factor of prevalent psychopathology during adulthood? *J Abnorm Psychol*, 121,971-977. doi: 10.1037/a0028355
- Lahey, B.B., Krueger, R.F., Rathouz, P.J., Waldman, I.D., & Zald, D.H. (2017). A hierarchical causal taxonomy of psychopathology across the life span. *Psychol Bull*, 143(2),142-186. doi: 10.1037/bul0000069
- Lahey, B.B., Rathouz, P.J., Keenan, K., Stepp, S.D., Loeber, R., Hipwell, A.E. (2015). Criterion validity of the general factor of psychopathology in a prospective study of girls. *J Child Psychol Psychiatry* 56(4),415-422. doi:10.1111/jcpp.12300
- Lahey, B.B., Zald, D.H., Perkins, S.F., Villalta-Gil, V., Werts, K.B., Van Hulle, C.A., Rathouz, P.J., Applegate, B., Class, Q.A., Poore, H.E., Watts, A.L., & Waldman, I.D. (2018/2017a). Measuring the hierarchical general factor model of psychopathology in young adults. *Int J Methods Psychiatr Res*, 27(1), doi: 10.1002/mpr.1593
- Lang, S., Kroll, A., Lipinski, S.J., Wessa, M., Ridder, S., Christmann, C., Schad, L.R., & Flor, H. (2009). Context conditioning and extinction in humans: differential contribution of the hippocampus, amygdala and prefrontal cortex. *Eur J Neurosci* 29,823-832. doi: 10.1111/j.1460-9568.2009.06624.x
- Lanius, R.A. (2015). Trauma-related dissociation and altered states of consciousness: a call for clinical, treatment and neuroscience research. *Eur J Psychotraumatol*, 6, 10.3402/ejpt.v6.27905
- Lanius, R.A., Boyd, J.E., McKinnon, M.C., Nicholson, A.A., Frewen, P., Vermetten, E., Jetly, R., & Spiegel, D. (2018). A review of the neurobiological basis of trauma-related dissociation and its relation to

- cannabinoid- and opioid-mediated stress response: atransdiagnostic, translational approach. *Cur Psychiatry Rep*, 20, 118. doi: 10.1007/s11920-018-0983-y
- Lenow, J.K., Steele, J.S., Smitherman, S., Kilts, C.D., & Cisler, J.M. (2014). Attenuated behavioral and brain responses to trust violations among assaulted adolescent girls. *Psychiatry Res: Neuroimaging*, 223, 1-8. doi: 10.1016/j.psychres.2014.04.005
- Levinson, A., & Fonagy, P. (2004). Offending and attachment: The relationship between interpersonal awareness and offending in a prison population with psychiatric disorder. *Can J Psychoanal*, 12(2), 225–251. doi: 10.1002/j.21664086.2009.tb00406.x
- Lewinsohn, P.M., Gotlib, I.H., & Seeley, J.R. (1995). Adolescent psychopathology: IV. Specificity of psychosocial risk factors for depression and substance abuse in older adolescents. *J Am Acad Child Adolesc Psychiatry*, 34(9), 1221-9.
- Lionetti, F., Pastore, M., & Barone, L. (2015). Attachment in institutionalized children: A review and meta-analysis. *Child Abuse Negl*, 42, 135–145. doi:10.1016/j.chiabu.2015.02.013
- Liotti, G. (2004). Trauma, dissociation and disorganized attachment: Three strands of a single braid. *Psychother: Theory Res Pract Train*, 41, 472–486. doi:10.1037/0033-3204.41.4.472
- Loevinger, J. (1976). *Ego development: Conceptions and theories*. San Francisco, CA: Jossey-Bass.
- Luders, E., Narr, K.L., Bilder, R.M., Thompson, P.M., Szeszko P.R., Hamilton, L., & Toga, A.W. (2007). Positive correlations between corpus callosum thickness and intelligence. *Neuroimage*, 37(4), 1457-1464. doi: 10.1016/j.neuroimage.2007.06.028
- Luders, E., Thompson, P.M., & Toga, A.W. (2010). The development of the corpus callosum in the healthy human brain. *J Neurosci*, 30(33), 10985-10990. doi: 10.1523/JNEUROSCI.5122-09.2010
- Lufityanto, G., Donkin, C., & Pearson, J. (2016). Measuring intuition: nonconscious emotional information boosts decision accuracy and confidence. *Psychological Science*, 27(5), 622-634. doi: 10.1177/0956797616629403
- Luo, L., & O'Leary, D.D. (2005). Axon retraction and degeneration in development and disease. *Annu Rev Neurosci*, 28, 127-156. doi:10.1146/annurev.neuro.28.061604.135632
- Luyten, P., & Fonagy, P. (2015). The neurobiology of mentalizing. *Pers Dis: Theory, Research, and Treatment*, 6(4), 366-379. doi: 10.1037/per0000117. Review.
- Lyneham, H.J., Abbott, M.J., & Rapee, R.M. (2007). Interrater reliability of the Anxiety Disorders Interview Schedule for DSM-IV: Child and Parent version. *J Am Acad Child Adolesc Psychiatry*, 46(6), 731-736. <https://doi.org/10.1097/chi.0b013e3180465a09>
- Lyons-Ruth, K. (2003a). Dissociation and the parent-infant dialogue: a longitudinal perspective from attachment research. *J Am Psychoanal Assoc*, 51(3), 883-911. <https://doi.org/10.1177/00030651030510031501>
- Lyons-Ruth, K. (2003b). The two-person construction of defenses: Disorganized attachment strategies, unintegrated mental states, and hostile/helpless relational processes. *J Infant Child Adolesc Psychother*, 2, 105–114. <https://doi.org/10.1037/e302332005-015>

- Lyons-Ruth, K., Bronfman, E., & Parsons, E. (1999). Chapter IV. Maternal frightened, frightening, or atypical behavior and disorganized infant attachment patterns. *Monogr Soc Res Child Dev*, 64(3), 67–96; discussion 213–20. doi:10.1111/15405834.00034
- Lyons-Ruth, K., Brumariu, L. E., Bureau, J.-F., Hennighausen, K., & Holmes, B. (2014). Role confusion and disorientation in young adult-parent interaction among individuals with borderline symptomatology. *J Personality Disord*, 28(165), 1–22. doi:10.1521/pedi_2014_28_165
- Lyons-Ruth, K., Bureau, J.-F., Holmes, B., Easterbrooks, A., & Brooks, N. H. (2013). Borderline symptoms and suicidality/self-injury in late adolescence: Prospectively observed relationship correlates in infancy and childhood. *Psychiatry Res*, 206, 273–281. doi:10.1016/j.psychres.2012.09.030
- Lyons-Ruth, K., Dutra, L., Schuder, M.R., & Bianchi, I. (2006). From infant attachment disorganization to adult dissociation: Relational adaptations or traumatic experiences? *Psychiatr Clin North Am*, 29(1), 63–86. doi:10.1016/j.psc.2005.10.011
- Lyons-Ruth, K., & Jacobvitz, D. (2016). Attachment disorganization from infancy to adulthood: neurobiological correlates, parenting contexts, and pathways to disorder: In J. Cassidy, & P.R. Shaver (Eds.), *Handbook of Attachment: Theory, research and clinical applications* (3rd ed.)(pp.667-695). New York, NY, London, UK: The Guilford Press.
- Lyons-Ruth, K., Melnick, S., Patrick, M., & Hobson, R. P. (2007). A controlled study of hostile-helpless states of mind among borderline and dysthymic women. *Attach Hum Dev*, 9(1), 1–16. doi:10.1080/14616730601151417
- Lyons-Ruth, K., Pechtel, P., Yoon, S.A., Anderson, C.M., & Teicher, M. (2016). Disorganized attachment in infancy predicts greater amygdala volume in adulthood. *Behav Brain Res*, 308, 83–93. doi:10.1016/j.bbr.2016.03.050
- Lyons-Ruth, K., & Spielman, E. (2004). Disorganized infant attachment strategies and helpless-fearful profiles of parenting: Integrating attachment research with clinical intervention. *Infant Ment Health J*, 25(4), 318–335. doi:10.1002/(ISSN)1097-0355
- Lyons-Ruth, K., Yellin, C., Melnick, S., & Atwood, G. (2003). Childhood experiences of trauma and loss have different relations to maternal unresolved and Hostile-Helpless states of mind on the AAI. *Attach Hum Dev*, 5(4), 330–352. doi:10.1080/14616730310001633410

M

- MacKinnon, L. (2012). The neurosequential model of therapeutics: An interview with Bruce Perry. *Aust NZ J Family Ther*, 33(3), 210–218. doi:10.1017/aft.2012.26
- MacMillan, S., Szeszko, P.R., Moore, G.J., Madden, R., Lorch, E., Ivey, J., Banerjee, S.P., & Rosenberg, D.R. (2003). Increased amygdala: hippocampal volume ratios associated with severity of anxiety in pediatric

- major depression. *J Child Adolesc Psychopharmacol*, 13(1),65-73.
<https://doi.org/10.1089/104454603321666207>
- Madigan, S., Benoit, D. & Moran, G. (2007). Can a measure of disrupted caregiver behaviour discriminate infant disorganized attachment from insecure-organized attachment? [poster]
- Madigan, S., Bakermans-Kranenburg, M.J., Van IJzendoorn, M.H., Moran, G., Pederson, D.R., & Benoit, D. (2006). Unresolved states of mind, anomalous parental behaviour and disorganized attachment: a review and meta-analysis of a transmission gap. *Attach Hum Dev*, 8(2), 89-111. Review.
<https://doi.org/10.1080/14616730600774458>
- Madigan, S., Hawkins, E., Goldberg, S., & Benoit, D. (2006). Reduction of disrupted caregiver behaviour using modified interaction guidance. *Infant Ment Health*, 27(5), 509-527. doi: 10.1002/imhj.20102
- Madigan, S., Hawkins, E., Plamondon, A., Moran, G., & Benoit, D. (2015). Maternal representations and infant attachment: an examination of the prototype hypothesis. *Infant Ment Health J*, 36(5), 459-468. doi: 10.1002/imhj.21527
- Madigan, S., Vaillancourt, K., McKibbin, A., & Benoit, D. (2012). The reporting of maltreatment experiences during the Adult Attachment Interview in a sample of pregnant adolescents. *Attach Hum Dev*, 14(2), 119-143. doi:10.1080/14616734.2012.661230
- Main, M. (2000). The organized categories of infant, child, and adult attachment: flexible vs inflexible attention under attachment-related stress. *J Am Psychoanal Assoc*, 48, 1055-1096. doi:10.1177/00030651000480041801
- Main, M., Goldwyn, R., & Hesse, E. (2003). *Adult attachment scoring and classification systems* (Unpublished manuscript). Berkeley, CA: University of California.
- 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 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., 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 of attachment theory and research*, (pp. 66-104). *Monogr Soc Res Child Dev*, 50(1-2, Serial N. 209). Chicago, IL: University of Chicago Press.
- Marinova, Z., & Maercker, A. (2016). Biological correlates of complex posttraumatic stress disorder – state of research and future directions. Review. *Eur J Psychotraumatol*, 6, 25913. doi: 10.3402/ejpt.v6.25913
- Marusak, H.A., Thomason, M.E., Peters, C., Zundel, C., Elrahal, F., & Rabinak, C.A.(2016). You say 'prefrontal cortex' and I say 'anterior cingulate': meta-analysis of spatial overlap in amygdala-to-prefrontal connectivity and internalizing symptomatology. *Transl Psychiatry* 6(11),e944. doi: 10.1038/tp.2016.218
- Masten, A.S., Best, K.M., & Garnezy, N. (1990). Resilience and development: contributions from the study of children who overcome adversity. *Dev Psychopathol*, 2(4), 425-444. doi: 10.1017/S0954579400005812
- Masten, C.L., Guyer, A.E., Hodgdon, H.B., McClure, E.B., Charney, D.S., Ernst, M., Kaufman, J., Pine, D.S., & Monk, C.S. (2008). Recognition of facial emotions among maltreated children with high rates of

- posttraumatic stress disorder. *Child Abuse Negl*, 32,139-153.
<https://doi.org/10.1016/j.chiabu.2007.09.006>
- Masten, A.S., Hubbard, J.J., Gest, S.D., Tellegen, A., Garmezy, N., & Ramirez, M. (1999). Competence in the context of adversity: pathways to resilience and maladaptation from childhood to late adolescence. *Dev Psychopathol*, 11(1), 143-169. <https://doi.org/10.1017/s0954579499001996>
- Matthey, S., & Petrovski, P. (2002). The children's depression inventory: Error in cutoff scores for screening purposes. *Psychol Assess*, 14(2), 146–149. doi:10.1037/1040 3590.14.2.146
- McCloskey, L.A., & Bailey, J.A. (2000). The intergenerational transmission of risk for child sexual abuse. *J Interpers Viol*, 15, 1019–1035. doi:10.1177/088626000015010001
- McClure, E.B., Monk, C.S., Nelson, E.E., Parrish, J.M., Adler, A., Blair, R.J.R., Fromm, S., Charney, D.S., Leibenluft, E., Ernst, M., & Pine, D.S. (2007). Abnormal attention modulation of fear circuit in pediatric generalized anxiety disorder. *Arch Gen Psychiatry*, 64, 97-106.
- McCrory, E., De Brito, S.A., & Viding, E. (2011). The impact of childhood maltreatment: A review of neurobiological and genetic factors. *Frontiers Psychiatry*, 2,48. doi: 10.3389/fpsy.2011.00048
- McCrory, E., De Brito, S. A., & Viding, E. (2012). The link between child abuse and psychopathology: A review of neurobiological and genetic research. *J Royal Soc Med*, 105, 151–156. doi:10.1258/jrsm.2011.110222
- McGowan, P.O., Sasaki, A., D'Alessio, A. C., Dymov, S., Labonté, B., Szyf, M., Turecki, G., & Meaney, M. (2009). Epigenetic regulation of the glucocorticoid receptor in human brain associates with childhood abuse. *Nat Neurosci*, 12(3), 342–348. doi:10.1038/nn.2270
- McLaughlin, K.A., Busso, D.S., Duys, A., Greif Green, J.G., Alves, S., Way M., & Sheridan, M.A. (2014). Amygdala response to negative stimuli predicts PTSD symptom onset following a terrorist attack. *Depress Anxiety*, 31(10), 834-42. doi: 10.1002/da.22284
- McLaughlin, K.A., Sheridan, M.A., & Lambert, H.K. (2014). Childhood adversity and neural development: deprivation and threat as distinct dimensions of early experience. *Neurosci Biobehav Rev*, 47, 578-91. <https://doi.org/10.1016/j.neubiorev.2014.10.012>
- Mechias, M.-L., Etkin, A., & Kalisch, R.(2010). A meta-analysis of instructed fear studies: implications for conscious appraisal of threat. *NeuroImage*, 49,1760-1768. doi: 10.1016/j.neuroimage.2009.09.040
- Merckelbach, H., & Muris, P. (2001). The causal link between self-reported trauma and dissociation: A critical review. *Behav Res Ther*, 39, 245–254. doi:10.1016/S0005-7967(99) 00181-3
- Merikangas, K.R., He, J.P., Burstein, M., Swanson, S.A., Avenevoli, S., Cui, L., Benjet, C., Georgiades, K., & Swendsen, J. (2010). Lifetime prevalence of mental disorders in U.S. adolescents: Results from the National Comorbidity Survey Replication Adolescent Supplement (NCS-A). *J Am Acad Child Adolesc Psychiatry*, 49, 980- 989. doi: 10.1016/j.jaac.2010.05.017
- Miller, C.H., Hamilton, J., Sacchet, M.D., & Gotlib, I.H. (2015). Meta-analysis of functional neuroimaging of manic depressive disorder in youth. *JAMA Psychiatry*, 72(10), 1045- 1053. doi: 10.1001/jamapsychiatry.2015.1376



- Milot, T., Lorent, A., St-Laurent, D., Bernier, A., Tarabulsky, G., Lemelin, J.-P., & Éthier, L.S. (2014). Hostile-helpless state of mind as further evidence of adult disorganized states of mind in neglecting families. *Child Abuse Negl*, 38, 1351–1357. doi:10.1016/j.chiabu.2014.02.015
- Milot, T., Lorent, A., St-Laurent, D., Bernier, A., Tarabulsky, G., Lemelin, J.-P., & Éthier, L.S. (2014). Hostile-Helpless state of mind as further evidence of adult disorganized states of mind in neglecting families. *Child Abuse Negl*, 38, 1351-1357. <https://doi.org/10.1016/j.chiabu.2014.02.015>
- Miyata, S., Koyama, Y., Takemoto, K., Yoshikawa, K., Ishikawa, T., Taniguchi, M., Inoue, K., Aoki, M., Hori, O., Katayama, T., & Tohyama, M. (2011). Plasma corticosterone activates SGK1 and induces morphological changes in oligodendrocytes in corpus callosum. *PLoS One*, 6(5), e19859. doi: 10.1371/journal.pone.0019859
- Monk, C.S., McClure, E.B., Nelson, E.E., Zarahn, E., Bilder, R.M., Leibenluft, E., Charney, D.S., Ernst, M., & Pine, D.S. (2003). Adolescent immaturity in attention-related brain engagement to emotional facial expressions. *Neuroimage*, 20, 420-428. [https://doi.org/10.1016/s1053-8119\(03\)00355-0](https://doi.org/10.1016/s1053-8119(03)00355-0)
- Monk, C.S., Nelson, E.E., McClure, E.B., Mogg, K., Bradley, B.P., Leibenluft, E., Blair, R.J.R., Chen, G., Charney, D.S., Ernst, M., & Pine, D.S. (2006). Ventrolateral prefrontal cortex activation and attentional bias in response to angry faces in adolescents with generalized anxiety disorder. *Am J Psychiatry*, 163, 1091-1097. <https://doi.org/10.1176/appi.ajp.163.6.1091>
- Mori, S., Wakana, S., Nagae-Poetscher, L.M., & Van Zijl, P.C.M. (2005). *Atlas of Human White Matter*. Amsterdam, the Netherlands: Elsevier.
- Morin, E. (2008). *On complexity*. New York, NY: Hampton Press.
- Moutsiana, C., Fearon, P., Murray, L., Cooper, P., Goodyer, I., Johnstone, T., & Halligan, S. (2014). Making an effort to feel positive: insecure attachment in infancy predicts the neural underpinnings of emotion regulation in adulthood. *J Child Psychol Psychiatry*, 55(9), 999-1008. doi: 10.1111/jcpp.12198
- Moutsiana, C., Johnstone, T., Murray, L., Fearon, P., Cooper, P.J., Pliatsikas, C., Goodyer, I., & Halligan, S.L. (2015). Insecure attachment during infancy predicts greater amygdala volumes in early adulthood. *J Child Psychol Psychiatry*, 56(5), 540-548. doi:10.1111/jcpp.12317
- Murphy, K., & Fox, M.D.(2017). Towards a consensus regarding global signal regression for resting state functional connectivity MRI. *NeuroImage* 154,169-173. doi: 10.1016/j.neuroimage.201611.052
- Murphy, A., Steele, M., Dube, S.R., Bate, J., Bonuck, K., Meissner, P., Goldman, H., & Steele, H. (2014). Adverse Childhood Experiences (ACEs) questionnaire and Adult Attachment Interview (AAI): implications for parent child relationships. *Child Abuse Negl*, 38(2), 224-33. doi: 10.1016/j.chiabu.2013.09.004
- Musalek, M., & Scheibenbogen, O. (2008). From categorical to dimensional diagnostics. *Eur Arch Psychiatry Clin Neurosci*, 258 [Suppl 5], 18-21. doi: 10.1007/s00406-008-5007 1.

N

- Nader, K., Kriegler, J.A., Blake, D.D., Pynoos, R.S., Newman, E., & Weather, F.W. (1996). *Clinician Administered PTSD Scale, Child and Adolescent Version*. White River Junction, VT: National Center for PTSD.
- Naim, R., Abend, R., Wald, I., Eldar, S., Levi, O., Fruchter, E., Ginat, K., Halpern, P., Sipos, M.L., Adler, A.B., Bliese, P.D., Quartana, P.J., Pine, D.S., & Bar-Haim, Y. (2015). Threat related attention bias variability and posttraumatic stress. *Am J Psychiatry*, 172(12), 1242-50. doi:10.1176/appi.ajp.2015.14121579
- Nanni, V., Uher, R., & Danese, A. (2012). Childhood maltreatment predicts unfavorable course of illness and treatment outcome in depression: a meta-analysis. *Am J Psychiatry*, 169(2), 141-151. Erratum in: *Am J Psychiatry*, 169(4), 439. <https://doi.org/10.1176/appi.ajp.2011.11020335>
- Narita, K., Fujihara, K., Takei, Y., Suda, M., Aoyama, Y., Uehara, T., Majima, T., Kosaka, H., Amanuma, M., Fukuda, M., & Mikuni, M. (2012). Associations among parenting experiences during childhood and adolescence, hypothalamus-pituitary-adrenal axis hypoactivity, and hippocampal gray matter volume reduction in young adults. *Hum Brain Mapp*, 33, 2211-2223. doi: 10.1002/hbm.21354.
- Narita, K., Takei, Y., Suda, M., Aoyama, Y., Uehara, T., Kosaka, H., Amanuma, M., Fukuda, M., & Mikuni, M. (2010). Relationship of parental bonding styles with gray matter volume of dorsolateral prefrontal cortex in young adults. *Progr Neuropsychopharmacol Biol Psychiatry*, 34, 624-631. doi: 10.1016/j.pnpbp.2010.02.025
- Nelson, C.A., Westerlund, A., Martin McDermott, J., Zeanah, C.H., & Fox, N.A. (2013). Emotion recognition following early psychosocial deprivation. *Dev Psychopathol*, 25, 517-525. doi:10.1017/S0954579412001216
- Nemeroff, C.B. (2016). Paradise Lost: The neurobiological and clinical consequences of child abuse and neglect. *Neuron*, 89(5), 892-909. doi: 10.1016/j.neuron.2016.01.019
- Neufeld Bailey, H., Moran, G., & Pederson, D. (2007). Childhood maltreatment, complex trauma symptoms, and unresolved attachment in an at-risk sample of adolescent mothers (2007). *Attach Hum Dev*, 9(2), 139-161. doi:10.1080/14616730701349721
- Neumann, A., Pappa, I., Lahey, B.B., Verhulst, F.C., Medina-Gomez, C., Jaddoe, V.W., Bakermans-Kranenburg, M.J., Moffitt, T.E., Van IJzendoorn, M.H., & Tiemeier, H. (2016). Single Nucleotide Polymorphism heritability of a general psychopathology factor in children. *J Am Acad Child Adolesc Psychiatry*, 55(12), 1038-1045. e4. doi:10.1016/j.jaac.2016.09.498
- Nicholson, A.A., Densmore, M., Frewen, P.A., Théberge, J., Neufeld, R.W., McKinnon, M.C., & Lanius, R.A. (2015). The dissociative subtype of posttraumatic stress disorder: unique resting-state functional connectivity of basolateral and centromedial amygdala complexes. *Neuropsychopharmacol*, 40(10), 2317-26. doi: 10.1038/npp.2015.79
- Nilsson, D., Wadsby, M., & Svedin, C.G. (2008). The psychometric properties of the Trauma Symptom Checklist for Children (TSCC) in a sample of Swedish children. *Child Abuse Negl*, 32, 627-636. doi:10.1016/j.chiabu.2007.09.009

Nooner, K.B., Mennes, M., Brown, S., Castellanos, F.X., Leventhal, B., Milham, M.P., & Colcombe, S.J. (2013). Relationship of trauma symptoms to amygdala-based functional brain changes in adolescents. *J Trauma Stress*, 26(6), 784-787. doi:10.1002/jts.21873.

O

Obsuth, I., Hennighausen, K., Brumariu, L. E., & Lyons-Ruth, K. (2014). Disorganized behavior in adolescent parent interaction: Relations to attachment state of mind, partner abuse, and psychopathology. *Child Dev*, 85(1), 370-387. doi:10.1111/cdev.2014.85.issue-1

Ohashi K., Anderson C.M., Bolger E.A., Khan A., McGreenery C.E. & Teicher M.H. (2019). Susceptibility or Resilience to Maltreatment Can Be Explained by Specific Differences in Brain Network Architecture. *Biological Psychiatry*, 85(8), 690-702. <https://doi.org/10.1016/j.biopsych.2018.10.016>.

Okon-Singer, H., Hendler, T., Pessoa, L., & Shackman, A.J. (2015). The neurobiology of emotion-cognition interactions: fundamental questions and strategies for future research. *Front Hum Neurosci*, 9(58), 1-14. doi: 10.3389/fnhum.2015.00058

Oldehinkel, A.J. (2000). *Nederlandstalige vertaling van de Revised Child Anxiety and Depression Scale (RCADS)*. Groningen, the Netherlands: Author.

Olf, M. (2015). Choosing the right instruments for psychotrauma related research. *Eur J Psychotraumatol*, 28(6), 30585. doi: 10.3402/ejpt.v6.30585

Olf, M., Armour, C., Brewin, C., Cloitre, M., Ford, J.D., Herlihy, J., Lanius, R., Rosner, R., Schmidt, U., & Turner, S. (2015a). Trauma and PTSD: setting the research agenda. *Eur J Psychotraumatol*, 19(6), 28092. doi: 10.3402/ejpt.v6.28092

Olf, M., van Zuiden, M., & Bakker, A. (2015b). Early interventions: from e-health to neurobiology. *Eur J Psychotraumatol*, 6:28545. doi: 10.3402/ejpt.v6.28545.

P

Pagliaccio, D., Luby, J.L., Gaffrey, M.S., Belden, A.C., Botteron, K.N., Harms, M.P., & Barch, D.M. (2013). Functional brain activation to emotional and nonemotional faces in healthy children: evidence for developmentally undifferentiated amygdala function during the school-age period. *Cogn Affect Behav Neurosci*, 5, 1-19. doi: 10.3758/s13415-013-0167-5

Pannekoek, J.N., Van der Werff, S.J.A., Meens, P.H.F., Van den Bulk, B.G., Jolles, D.D., Veer, I.M., Van Lang, N.D.J., Rombouts, S.A.R.B., Van der Wee, N.J.A., & Vermeiren, R.R.J.M. (2014b). Aberrant resting-state functional connectivity in limbic and salience networks in treatment-naïve clinically depressed adolescents. *J Child Psychol Psychiatry*, 55(12), 1317-1327. doi:10.1111/jcpp.12266

- Pannekoek, J.N., Van der Werff, S.J.A., Van den Bulk, B.G., Van Lang, N.D.J., Rombouts, S.A.R.B., Van Buchem, M.A., Vermeiren, R.R.J.M., & Van der Wee, N.J.A. (2014a). Reduced anterior cingulate gray matter volume in treatment-naïve clinically depressed adolescents. *NeuroImage: Clinical*, 4, 336–342. doi:10.1016/j.nicl.2014.01.007
- Pannekoek, J.N., Veer, I.M., Van Tol, M.J., Van der Werff, S.J.A., Demenescu, L.R., Aleman, A., Veltman, D.J., Zitman, F.G., Rombouts, S.A.R.B., & Van der Wee, N.J.A. (2013). Aberrant limbic and salience network resting-state functional connectivity in panic disorder without comorbidity. *J Affect Dis*, 145, 29-35. doi: 10.1016/j.jad.2012.07.006
- Pascuzzo, K., Cyr, C., & Moss, E. (2013). Longitudinal association between adolescent attachment, adult romantic attachment, and emotion regulation strategies. *Attach Hum Dev*, 15(1), 83–103. doi:10.1080/14616734.2013.745713
- Patalay, P., Fonagy, P., Deighton, J., Belsky, J., Vostanis, P., & Wolpert, M. (2015). A general psychopathology factor in early adolescence. *Br J Psychiatry* 207,15-22. doi: 10.1192/bjp.bp.114.149591
- Patel, V.S., Kelly, S., Wright, C., Gupta, C.N., Arias-Vasquez, A., Perrone-Bizzozero, N., Ehrlich, S., Wang, L., Bustillo, J.R., Morris, D., Corvin, A., Cannon, D.M., McDonald, C., Donohoe, G., Calhoun, V.D., & Turner, J.A. (2015). MIR137HG risk variant rs1625579 genotype is related to corpus callosum volume in schizophrenia. *Neurosci Lett*, 602, 44-49. doi: 10.1016/j.neulet.2015.06.039
- Patel, R., Spreng, R.N., Shin, L.M., & Girard, T.A. (2012). Neurocircuitry models of posttraumatic stress disorder and beyond: a meta-analysis of functional neuroimaging studies. *Neurosci Biobehav Rev*, 36, 2130-2142. doi: 10.1016/j.neubiorev.2012.06.003
- Patenaude, B., Smith, S.M., Kennedy, D., & Jenkinson, M. (2011). A Bayesian Model of Shape and Appearance for Subcortical Brain *NeuroImage* 56(3),907-922. doi: 10.1016/j.neuroimage.2011.02.046
- Paus, T., Keshavan, M., & Giedd, J. N. (2008). Why do many psychiatric disorders emerge during adolescence? *Nat Rev Neurosci*, 9, 947–957. doi:10.1038/nrn2513
- Pechtel, P., Lyons-Ruth, K., Anderson, C.M., & Teicher, M.H. (2014). Sensitive periods of amygdala development: the role of maltreatment in preadolescence. *NeuroImage* 97,236-244. doi: 10.1016/j.neuroimage.2014.04.025
- Peer, M., Nitzan, M., Bick, A.S., Levin, N. & Arzy, S. (2017). Evidence for functional networks within the human brain's white matter. *J Neurosci*, 37(27), 6394-6407. doi: 10.1523/JNEUROSCI.3872-16.2017
- Pergamin-Hight, L., Naim, R., Bakermans-Kranenburg, M.J., Van IJzendoorn, M.H., & Bar Haim, Y. (2015). Content specificity of attention bias to threat in anxiety disorders: a meta-analysis. *Clin Psychol Rev*, 35,10-18. doi.org/10.1016/j.cpr.2014.10.005
- Perkonig, A., Höfler, M., Cloitre, M., Wittchen, H.U., Trautmann, S., & Maercker, A. (2016). Evidence for two different ICD-11 posttraumatic stress disorders in a community sample of adolescents and young adults. *Eur Arch Psychiatry Clin Neurosci*, 266(4), 317-28. doi: 10.1007/s00406-015-0639-4
- Petersen, A.C., Crockett, L., Richards, M., & Boxer, A. (1988). A self-report measure of pubertal status: Reliability, validity and initial norms. *J Youth Adolesc*, 17(2), 117-133. doi:10.1007/BF01537962

- Petrella, J.R. (2011). Use of graph theory to evaluate brain networks: a clinical tool for a small world? *Radiology*, 259, 317–320. 10.1148/radiol.11110380
- Phelps, E.A., & LeDoux, J.E. (2005). Contributions of the amygdala to emotion processing: from animal models to human behavior. *Neuron*, 48, 175–187. <https://doi.org/10.1016/j.neuron.2005.09.025>
- Philip, N.S., Sweet, L.H., Tyrka, A.R., Price, L.H., Bloom, R.F., & Carpenter, L.L. (2013). Decreased default network connectivity is associated with early life stress in medication-free healthy adults. *Eur Neuropsychopharmacol*, 23, 24–32. doi.org/10.1016/j.euroneuro.2012.10.008
- Pine, D.S., Cohen, P., Gurley, D., Brook, J. & Ma, Y. (1998). The risk for early-adulthood anxiety and depressive disorders in adolescents with anxiety and depressive disorders. *Arch Gen Psychiatry*, 55, 56–64. <https://doi.org/10.1001/archpsyc.55.1.56>
- Pine, D.S., Mogg, K., Bradley, B.P., Montgomery, L.A., Monk, C.S., McClure, E., Guyer, A.E., Ernst, M., Charney, D.S., & Kaufman, J. (2005). Attention bias to threat in maltreated children: implications for vulnerability to stress-related psychopathology. *Am J Psychiatry*, 162, 291–296. <https://doi.org/10.1176/appi.ajp.162.2.291>
- Polanczyk, G.V., Salum, G.A., Sugaya, L.S., Caye, A., & Rohde, L.A. (2015). Annual research review: a meta-analysis of the world-wide prevalence of mental disorders in children and adolescents. *J Child Psychol Psychiatry*, 56(3), 345–365. doi: 10.1111/jcpp.12381
- Pollak, S.D., & Kistler, D.J. (2002). Early experience is associated with the development of categorical representations for facial expressions of emotion. *Proc Nat Acad Sci*, 99(13), 9072–9076. doi:10.1073/pnas.142165999
- Price, R.B., Siegle, G.J., Silk, J.S., Ladouceur, C.D., McFarland, A., Dahl, R.E., & Ryan, N.D. (2014). Looking under the hood of the dot-probe task: an fMRI study in anxious youth. *Depress Anxiety*, 31(3), 178–187. doi: 10.1002/da.22255
- Puetz, V.B., Parker, D., Kohn, N., Dahmen, B., Verma, R., & Konrad, K. (2016). Altered brain network integrity after childhood maltreatment: a structural connectomic DTI study. *Hum Brain Mapp*, 38(2), 855–868. doi: 10.1002/hbm.23423
- Putnam, F. (2003). Ten-year research update review: Child sexual abuse. *J Am Acad Child Adolesc Psychiatry*, 42(3), 269–278. doi:10.1097/00004583-200303000-00006

R

- RDoC; http://www.nimh.nih.gov/research-priorities/rdoc/nimh-research-domaincriteria_rdoc.shtml#toc_background
- Riem, M.M.E., Alink, L.R.A., Out, D., Van IJzendoorn, M.H., & Bakermans-Kranenburg, M.J. (2015). Beating the brain about abuse: Empirical and meta-analytic studies of the association between maltreatment and

- hippocampal volume across childhood and adolescence. *Dev Psychopathol*, 27, 507–520. doi:10.1017/S0954579415000127
- Riem, M.M.E., Bakermans-Kranenburg, M.J., Van IJzendoorn, M.H., Out, D., & Rombouts, S.A.R.B. (2012). Attachment in the brain: adult attachment representations predict amygdala and behavioural responses to infant crying. *Attach Hum Dev*, 14(6), 533–551. doi: 10.1080/14616734.2012.727252
- Riem, M.M.E., Van Hoof, M.J., Garrett, A.S., Van der Wee, N.J.A., Van IJzendoorn, M.H., & Vermeiren, R.R.J.M. (2019). General psychopathology factor and unresolved disorganized attachment uniquely correlated to white matter integrity using diffusion tensor imaging. *Behav Brain Res* 359,1-8. <https://doi.org/10.1016/j.bbr.2018.10.014> . Epub online 2018; Oct 9.
- Rinne-Albers, M.A.W., Pannekoek, J.N., Van Hoof, M.J., Van Lang, N.D.J., Lamers-Winkelmann, F., Rombouts, S.A.R.B., Van der Wee, N.J.A., & Vermeiren, R.R.J.M. (2017). Anterior cingulate grey matter volume abnormalities in adolescents with PTSD after childhood sexual abuse. *Eur Neuropsychopharmacol*, 27(11), 1163–1171. doi: 10.1016/j.euroneuro.2017.08.432
- Rinne-Albers, M.A.W., Van der Wee, N.J.A., Lamers-Winkelmann, F., & Vermeiren, R.R.J.M. (2013). Neuroimaging in children, adolescents and young adults with psychological trauma. *Eur Child Adolesc Psychiatry*, 22(12),745–55. doi: 10.1007/s00787-01304101
- Rinne-Albers, M.A., Van der Werff, S.J., Van Hoof, M.J., Van Lang, N.D., Lamers-Winkelmann, F., Rombouts, S.A., Vermeiren, R.R.J.M., & Van der Wee, N.J.A. (2016). Abnormalities of white matter integrity in the corpus callosum of adolescents with PTSD after childhood sexual abuse: a DTI study. *Eur Child Adolesc Psychiatry*, 25(8), 869–878. doi: 10.1007/s00787-015-0805-2
- Robertson, E. B., Skinner, M. L., Love, M. M., Elder Jr., G. H., Conger, R. D., Dubas, J. S., & Petersen, A.C. (1992). The Pubertal Development Scale: A rural and suburban comparison. *J Early Adolesc*, 12(2), 174–186. doi:10.1177/0272431692012002003
- Robins, LN., Cottler, L., Bucholz, KK., & Compton, W. (1995). *Diagnostic Interview Schedule for DSM-IV*. St. Louis, MO: Washington University School of Medicine.
- Roelofs, J., Braet, C., Rood, L., Timbremont, B., Van Vlierberghe, L., Goossens, L., & Van Breukelen, G. (2010). Norms and screening utility of the Dutch version of the Children's Depression Inventory in clinical and non-clinical youths. *Psychol Assess*, 22(4), 866–877. doi:10.1037/a0020593
- Roisman, G.I., Fraley, R.C., & Belsky, J. (2007). A taxometric study of the Adult Attachment Interview. *Dev Psychol*, 43(3), 675–86. doi: 10.1037/0012-1649.43.3.675
- Roisman, G.I., Fraley, R.C., & Booth-LaForce, C. (2014). Pulling ourselves up by our bootstraps: A rejoinder to Van IJzendoorn and Bakermans-Kranenburg (2014). *Monogr Soc Res Child Dev*, 79(3), 168–173. doi:10.1111/mono.12121
- Romens, S.E., & Pollak, S.D. (2012). Emotion regulation predicts attention bias in maltreated children at risk for depression. *J Child Psychol Psychiatry*, 53(2), 120–127. doi: 10.1111/j.1469-7610.2011.02474.x

- Romer, A.L., Knodt, A.R., Houts, R.M., Brigidi, B.D., Moffitt, T.E., Caspi, A., & Hariri, A.R. (2017). Structural alterations within cerebellar circuitry are associated with general liability for common mental disorders. *Mol Psychiatry*, 23, 1084-1090. doi: 10.1038/mp.2017.57
- Ross, C.A., Heber, S., Norton, G.R., Anderson, D., Anderson, C., & Barchet, P. (1989). Dissociative Disorders Interview Schedule (DDS). *Dissociation* 2(3):169-189; Dataset in PsycEXTRA Dataset; <https://doi.org/10.1037/e609942012-089>
- Rueckert, D., Sonoda, L.I., Hayes, C., Hill, D.L.G., Leach, M.O., & Hawkes, D.J. (1999). Non-rigid registration using free-form deformations: Application to breast MR images, *IEEE Trans Med Imaging* 18(8), 712-721. <https://doi.org/10.1109/42.796284>
- Ruesch, J., & Bateson, G. (2009) [1951]. *Communication: The Social Matrix of Psychiatry*. New York, NY: W.W. Norton & Company.

S

- Sabatinelli, D., Fortune, E.E., Li, Q., Siddiqui, A., Krafft, C., Oliver, W.T., Beck, S., & Jeffries, J. (2011). Emotional perception: Meta-analyses of face and natural scene processing. *NeuroImage* 54,2524-2533. doi: 10.1016/j.neuroimage.2010.10.011
- 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. *Dev Psychol*, 30, 771–777. doi:10.1037/00121649.30.5.771
- Salter Ainsworth, M.D., & Bell, S.D. (1970). Attachment, exploration and separation: illustrated by the behavior of one-year-olds in a strange situation. *Child Dev*, 41(1), 49-67. <https://doi.org/10.7312/stei93738-006>
- Sapolsky, R.M., Krey, L.C., & McEwen, B.S. (1985). Prolonged glucocorticoid exposure reduces hippocampal neuron number: implications for aging. *J Neurosci*, 5(5), 1222-1227. <https://doi.org/10.1523/jneurosci.05-05-01222.1985>
- Sapolsky, R.M., Uno, H., Rebert, C.S., & Finch, C.E. (1990). Hippocampal damage associated with prolonged glucocorticoid exposure in primates. *J Neurosci*, 10(9), 2897-2902. <https://doi.org/10.1523/jneurosci.10-09-02897.1990>
- Scheper, F.Y., Abrahamse, M.E., Jonkman, C.S., Schuengel, C., Lindauer, R.J.L., de Vries, A.L.C., Doreleijers, T.A.H., & Jansen, L.M.C. (2016). Inhibited attachment behaviour and disinhibited social engagement behaviour as relevant concepts in referred home reared children. *Child Care Health Dev*, 42(4), 544-52. doi:10.1111/cch.12319. Epub 2016 Feb 18.
- Schmaal, L. Veltman, D.J., Van Erp, T.G.M., Sämann, P.G., Frodl, T., Jahanshad, N., Loehrer, E., Tiemeier, H., Hofman, A., Niessen, W.J., Vernooij, M.W., Ikram, M.A., Wittfeld, K., Grabe, H.J., Block, A., Hegenscheid, K., Völzke, H., Hoehn, D., Czisch, M., Lagopoulos, J., Hatton, S.N., Hickie, I.B., Goya Maldonado, R., Krämer, B., Gurber, O., Couvy Duchesne, B., Rentería, M.E., Strike, L.T., Mills, N.T., de Zubicaray, G.I., McMahon, K.L., Medland, S.E., Martin, N.G., Gillespie, N.A., Wright, M.J., Hall, G.B.,

- MacQueen, G.M., Frey, E.M., Carballo, A., Van Velzen, L.S., Van Tol, M.J., Van der Wee, N.J., Veer, I.M., Walter, H., Schnell, K., Schramm, E., Normann, C., Schoepf, D., Konrad, C., Zurowski, B., Nickson, T., McIntosh, A.M., Papmeyer, M., Whalley, H.C., Sussmann, J.E., Godlewska, B.R., Cowen, P.J., Fischer, F.H., Rose, M., Penninx, B.W.J.H., Thompson, P.M., Hibar, D.P. for the ENIGMA-Major Depressive Disorder Working Group. (2016). Subcortical brain alterations in major depressive disorder: findings from the ENIGMA Major Depressive Disorder working group. *Mol Psychiatry* 21(6), 806-12. doi: 10.1038/mp.2015.69
- Schuwerk, T., Döhnel, K., Sodian, B., Keck, I.R., Rupprecht, R., & Sommer, M.(2014). Functional activity and effective connectivity of the posterior medial prefrontal cortex during processing of incongruent mental states. *Hum Brain Mapp*, 35,2950-2965. doi: 10.1002/hbm.22377
- Sedlak, A.J. (2001). *A history of the national incidence study of child abuse and neglect*. Washington, DC: U.S. Department of Health and Human Services.
- Seeley, W.W., Menon, V., Schatzberg, A.F., Keller, J., Glover, G.H., Kenna, H., Reiss, A.L., & Greicius, M.D. (2007). Dissociable intrinsic connectivity networks for salience processing and executive control. *J Neurosci*, 27(9), 2349-2356. doi:10.1523/JNEUROSCI.5587-06.2007
- Sergerie, K., Chochol, C., & Armony, J.L.(2008). The role of the amygdala in emotional processing: a quantitative meta-analysis of functional neuroimaging studies. *Neurosci Biobehav Rev*, 32(4),811-30. doi: 10.1016/j.neubiorev.2007.12.002
- Shalev, A., Liberzon, I., & Marmar, C.(2017). Post-Traumatic Stress Disorder. *N Engl J Med*, 376,2459-69. doi:10.1056/NEJMr1612499.
- Sharp, C., Fowler, J.C., Salas, R., Nielsen, D., Allen, J., Oldham, J., Kosten, T., Mathew, S., Madan, A., Frueh, B.C., & Fonagy, P. (2016). Operationalizing NIMH Research Domain Criteria (RDoC) in naturalistic clinical settings. *Bull Menn Clin*, 80(3), 187-212. doi: 10.1521/bumc.2016.80.3.187
- Sheftall, A.H., Mathias, C.W., Furr, R.M., & Dougherty, D.M. (2013). Adolescent attachment security, family functioning, and suicide attempts. *Attach Hum Dev*, 15(4), 368–383. doi:10.1080/14616734.2013.782649
- Sheppes, G., Suri, G., & Gross, J.J. (2015). Emotion regulation and psychopathology. *Annu Rev Clin Psychol*, 11, 379–405. doi.org/10.1146/annurev-clinpsy-032814-112739
- Shin, L.M., & Liberzon, I. (2010). The neurocircuitry of fear, stress and anxiety disorders. *Neuropsychopharmacol Rev*, 35, 169-191. doi: 10.1038/npp.2009.83
- Shonkhoff, J.P., & Gamer, A.S.; Committee on Psychosocial Aspects of Child and Family Health; Committee on Early Childhood, Adoption, and Dependent Care; Section on Developmental and Behavioral Pediatrics (2012). *Pediatrics*, 129(1), e232-46. doi: 10.1542/peds.2011-2663
- Shonkhoff, J.P., & Phillips, D.A. (2000). National Research Council (US) and Institute of Medicine (US) Committee on Integrating the Science of early childhood development. *From neurons to neighbourhoods: the science of early childhood development*. J.P. Shonkhoff and D.A. Phillips, eds.. Washinton DC: National Academies Press (US).

- Siebelink, B.M., & Treffers, P.D.A. (2001a). *ADIS-C anxiety disorders interview schedule for DSM-IV* (Dutch version). Lisse, the Netherlands: Swets & Zeitlinger BV.
- Siebelink, B.M., & Treffers, P.D.A. (2001b). *Anxiety disorders interview schedule for DSM-IV Child version*. ADIS-C Handleiding. Amsterdam, the Netherlands: Harcourt Test Publishers.
- Silverman, W.K., & Albano, A.M. (1996). *Anxiety Disorders Interview Schedule for DSM-IV Child Version*, Child Interview Schedule. San Antonio, TX: The Psychological Corporation.
- Silverman, W.K., Saavedra, L.M., & Pina, A.A. (2001). Test-retest reliability of anxiety symptoms and diagnoses with the anxiety disorders interview schedule for DSM-IV: Child and parent versions. *J Am Acad Child Adolesc Psychiatry*, 40(8), 937–944. doi:10.1097/00004583-200108000-00016
- Slotnick, S.D. (2017). Cluster success: fMRI inferences for spatial extent have acceptable false-positive rates. *Cogn Neurosci*, 8(3), 150-155. doi: 10.1080/17588928.2017.1319350
- Smith, S.M. (2002). Fast robust automated brain extraction. *Hum Brain Mapp*, 17(3), 143-155. <https://doi.org/10.1002/hbm.10062>
- Smith, S.R., & Carlson, E.B. (1996). Reliability and validity of the adolescent dissociative experiences scale. *Dissociation: Progr Dissoc Disord*, 9(2), 125–129.
- Smith, S.M., De Stefano, N., Jenkinson, M., & Matthews, P.M. (2001). Normalized accurate measurement of longitudinal brain change. *J Comp Assis Tomography*, 25, 466–475. <https://doi.org/10.1097/00004728-200105000-00022>
- Smith, S.M., Jenkinson, M., Johansen-Berg, H., Rueckert, D., Nichols, T.E., Mackay, C.E., Watkins, K.E., Ciccarelli, O., Cader, M.Z., Matthews, P.M., & Behrens, T.E.J. (2006). Tract-based spatial statistics: voxelwise analysis of multi-subject diffusion data. *NeuroImage*, 31, 1487-1505. <https://doi.org/10.1016/j.neuroimage.2006.02.024>
- Smith, S.M., Jenkinson, M., Woolrich, M.W., Beckmann, C.F., Behrens, T.E., Johansen-Berg, H., Bannister, P.R., De Luca, M., Drobnjak, I., Flitney, D.E., Niazy, R.K., Saunders, J., Vickers, J., Zhang, Y., De Stefano, N., Brady, J.M., & Matthews, P.M. (2004). Advances in functional and structural MR image analysis and implementation as FSL. *Neuroimage*, 23, Suppl 1, S208-219. doi: 10.1016/j.neuroimage.2004.07.051
- Smith, S.M., & Nichols, T.E. (2009). Threshold-free cluster enhancement: addressing problems of smoothing, threshold dependence and localisation in cluster inference. *Neuroimage*, 44(1), 83-98. doi: 10.1016/j.neuroimage.2008.03.061
- Sripada, R.K., King, A.P., Welsh, R.C., Garfinkel, S.N., Wang, X., Sripada, C.S., & Liberzon, I. (2012). Neural dysregulation in posttraumatic stress disorder: evidence for disrupted Equilibrium between salience and default mode brain networks. *Psychosom Med*, 74(9), 904-11. doi: 10.1097/PSY.0b013e318273bf33
- Stam, K., Douw, L., & de Haan, W. (2011). *Hersenenweb: wat moderne netwerktheorie ons leert over de werking van de hersenen*. Amsterdam, the Netherlands: Bert Bakker.
- Steele, H., & Steele, M. (Eds.). (2008). *Clinical applications of the Adult Attachment Interview*. New York, NY: The Guilford Press.

- Steele, H., Steele, M., & Fonagy, P. (1996). Associations among attachment classifications of mothers, fathers, and their infants. *Child Dev*, 67, 541–555. <https://doi.org/10.2307/1131831>
- Stöfösel, M., & Mooren, T. (2015). *Complex trauma. Diagnostiek en behandeling*. Deventer, the Netherlands: Bohn Stafleu van Loghum.
- Stolbach, B.C., Minshew, R., Rempala, V., Dominguez, R.Z., Gazibara, T., & Finke, R. (2013). Complex trauma exposure and symptoms in urban traumatized children: a preliminary test of proposed criteria for developmental trauma disorder. *J Trauma Stress*, 26(4), 483–91. doi: 10.1002/jts.21826
- Stoltenborgh, M., Van IJzendoorn, M.H., Euser, E.M., & Bakermans-Kranenburg, M.J. (2011). A global perspective on child sexual abuse: Meta-analysis of prevalence around the world. *Child Maltreatment*, 16(2), 79–101. doi:10.1177/1077559511403920
- Strathearn, L. (2011). Maternal neglect: Oxytocin, dopamine and the neurobiology of attachment. *J Neuroendocrinol*, 23, 1054–1065. doi:10.1111/j.13652826.2011.02228.x
- Strawn, J.R., Bitter, S.M., Weber, W.A., Chu, W.-J., Whitsel, R.M., Adler, C., Cerullo, M.A., Eliassen, J. Strakowski, S.M., & DelBello, M.P. (2012). Neurocircuitry of generalized anxiety disorder in adolescents: a pilot functional neuroimaging and functional connectivity study. *Depress Anxiety*, 29,939-947. doi: 10.1002/da.21961
- Styliadis, C., Ioannides, A.A., Bamidis, P.D., & Papadelis, C.(2014). Amygdala responses to valence and its interaction by arousal revealed by MEG. *Int J Psychophysiol*, 93,121-133. doi: 10.1016/j.ijpsycho.2013.05.006
- Suarez-Jimenez, B., Bisby, J.A., Horner, A.J., King, J.A., Pine, D.S., & Burgess, N.(2018). Linked networks for learning and expressing location-specific threat. *PNAS*, E1032-E1040. doi: 10.1073/pnas.1714691115
- Swartz, J.R., Phan, K.L., Angstadt, M., Fitzgerald, K.D., & Monk, C.S. (2014a). Dynamic changes in amygdala activation and functional connectivity in children and adolescents with anxiety disorders. *Dev Psychopathol*, 26, 1305-1319. doi: 10.1017/S0954579414001047
- Swartz, J.R., Phan, K.L., Angstadt, M., Klumpp, H., Fitzgerald, K.D., & Monk, C.S. (2014b). Altered activation of the rostral anterior cingulate cortex in the context of emotional face distractors in children and adolescents with anxiety disorders. *Depress Anxiety*, 31(10), 870-879. doi: 10.1002/da.22289

T

- Tackett, J.L., Lahey, B.B., Van Hulle, C., Waldman, I., Krueger, R.F., & Rathouz, P.J. (2013). Common genetic influences on negative emotionality and a general psychopathology factor in childhood and adolescence. *J Abnorm Psychol*, 122(4),1142-1153. doi: 10.1037/a0034151
- Tahmasebi, A.M., Artiges, E., Banaschewski, T., Barker, G.J., Bruehl, R., Büchel, C., Conrod, P.J., Flor, H., Garavan, H., Gallinat, J., Heinz, A., Ittermann, B., Loth, E., Mareckova, K., Martinot, J.L., Poline, J.B., Rietschel, M., Smolka, M.n., Ströhle, A., Schumann, G., Paus, T., & IMAGEN Consortium. (2012). Creating probabilistic maps of the face network in the adolescent brain: a multicenter functional MRI study. *Hum Brain Mapp*, 33, 938-957. doi: 10.1002/hbm.21261

- Talairach, J., & Tournoux, P. (1988). Co-Planar Stereotaxic Atlas of the Human Brain. 3-Dimensional Proportional System: an approach to cerebral imaging. New York, NY: Thieme.
- Tang, X., Wang, M.-T., Guo, J. & Salmela-Aro, K. (2019). Building grit: the longitudinal pathways between Mindset, commitment, grit, and academic outcomes. *J Youth Adolesc*, 48(5), 850-863.
<https://doi.org/10.1007/s10964-019-00998-0>
- Tanti, A., Kim, J.J., Wakid, M., Davoli, M.A., Turecki, G. & Mechawar, N. (2017). Child abuse associates with an imbalance of oligodendrocyte-lineage cells in ventromedial prefrontal white matter. doi: 10.1038/mp.2017.231
- Tarren-Sweeney, M. (2014). The clinical application of attachment theory and research: Introducing a series of Clinical Child Psychology and Psychiatry special sections. *J Clin Child Psychol Psychiatry*, 19, 333–335. doi:10.1177/1359104514538709
- Teicher, M.H., Andersen, S.L., Polcari, A., Anderson, C.M., & Navalta, C.P. (2002). Developmental neurobiology of childhood stress and trauma. *Psychiatr Clin N Am*, 25(2), 397-426, vii-viii.
[https://doi.org/10.1016/s0193-953x\(01\)00003-x](https://doi.org/10.1016/s0193-953x(01)00003-x)
- Teicher, M.H., & Samson, J.A. (2013). Childhood maltreatment and psychopathology: A case for ecophenotypic variants as clinically and neurobiologically distinct subtypes. *Am J Psychiatry*, 170, 1114–1133. doi: 10.1176/appi.ajp.2013.12070957
- Teicher, M.H., & Samson, J.A. (2016). Annual Research Review: enduring neurobiological effects of childhood abuse and neglect. *J Child Psychol Psychiatry*, 57(3), 241-66. doi: 10.1111/jcpp.12507. Epub 2016 Feb 1.
- Teicher, M.H., Samson, J.A., Anderson, C.M., & Ohashi, K. (2016). The effects of childhood maltreatment on brain structure, function and connectivity. *Nat Rev Neurosci*, 17(10), 652-66. doi: 10.1038/nrn.2016.111
- Telzer, E.H., Mogg, K., Bradley, B.P., Ernst, M., Pine, D.S., & Monk, C.S. (2008). Relationship between trait anxiety, prefrontal cortex, and attention bias to angry faces in children and adolescents. *Biol Psychol*, 79(2), 216-222. doi: 10.1016/j.biopsycho.2008.05.004
- Thapar, A., Collishaw, S., Pine, D.S., & Thapar, A.K. (2012). Depression in adolescence. *Lancet*, 379(9820), 1056-1067. doi: 10.1016/S0140-6736(11)60871-4
- Thomason, M.E., & Thompson, P.M. (2011). Diffusion imaging, white matter, and psychopathology. *Annu Rev Clin Psychol*, 7, 63-85. doi: 10.1146/annurev-clinpsy.032210-104507
- Thompson, R.A. (1994). Emotion regulation: a theme in search of definition. *Monogr Soc Res Child Dev*, 59, 25-52. doi.org/10.1111/j.1540-5834.1994.tb01276.x
- Thompson, E., & Zahavi, D. (2007). Philosophical Issues: Phenomenology. In P. D. Zelazo, M. Moscovitch, & E. Thompson (Eds.), *The Cambridge Handbook of Consciousness*. (pp. 67-87). Cambridge, UK: Cambridge University Press.
- Timbremont, B., Braet, C., & Driessens, L. (2004). Assessing depression in youth: Relation between the Children's depression inventory and a structured interview. *J Clin Child Adolesc Psychol*, 33(1), 149–157. doi:10.1207/S15374424JCCP3301_14

- Tottenham, N., & Sheridan, M.A. (2010). A review of adversity, the amygdala and the hippocampus: a consideration of developmental timing. *Front Hum Neurosci*, 3,68. doi: 10.3389/neuro.09.068.2009. eCollection 2009.
- Tottenham, N., Hare, T.A., Quinn, B.T., McCarry, T.W., Nurse, M., Gilhooly, T., Milner, A., Galvan, A., Davidson, M.C., Eigsti, I-M., Thomas, K.M., Freed, P., Booma, E.S., Gunnar, M., Altemus, M., Aronson, J., & Casey, B.J. (2010). Prolonged institutional rearing is associated with atypically large amygdala volume and difficulties in emotion regulation. *Dev Sci*, 13,46–61. doi : 10.1111/j.14677687.2009.00852.x
- Tursich, M., Ros, T., Frewen, P.A., Kluetsch, R.C., Calhoun, V.D., & Lanius R.A. (2015). Distinct intrinsic network connectivity patterns of post-traumatic stress disorder symptom clusters. *Acta Psychiatr Scand*, 1-10. doi: 10.1111/acps.12387
- Turton, P., McGauley, G., Marin-Avellan, L., & Hughes, P. (2001). The Adult Attachment Interview: Rating and classification problems posed by non-normative samples. *Attach Hum Dev*, 3(3), 284–303. doi:10.1080/14616730110096898
- Tyrer, P. (2015; 2014, March 6). Personality dysfunction is the cause of recurrent non-cognitive mental disorder: A testable hypothesis. *Personal Ment Health*, 9(1), 1-7. doi:10.1002/pmh.1255



V

- Van den Bulk, B.G., Somerville, L.H., Van Hoof, M.J., Van Lang, N.D., Van der Wee, N.J., Crone, E.A., & Vermeiren, R.R. (2016). Amygdala habituation to emotional faces in adolescents with internalizing disorders, adolescents with childhood sexual abuse related PTSD and healthy adolescents. *Dev Cogn Neurosci*, 21, 15-25. doi: 10.1016/j.dcn.2016.08.002
- Van den Bulk, B.G. (2015). *The affective amygdala: towards a better understanding of adolescent depressive and anxiety disorders*. Leiden, the Netherlands: GVO drukkers & vormgevers. Dissertation.
- Van den Bulk, B.G., Koolschijn, P.C.M.P., Meens, P.H.F., Van Lang, N.D.J., Van der Wee, N.J.A., Rombouts, S.A.R.B., Vermeiren, R.R.J.M., & Crone, E.A. (2013). How stable is activation in the amygdala and prefrontal cortex in adolescence? A study of emotional face processing across three measurements. *Dev Cogn Neurosci*, 4, 65–76. doi:10.1016/j.dcn.2012.09.005
- Van den Bulk, B.G., Meens, P.H.F., Van Lang, N.D.J., De Voogd, E.L., Van der Wee, N.J.A., Rombouts, S.A.R.B., Crone, E.A., & Vermeiren, R.R.J.M. (2014). Amygdala activation during emotional face processing in adolescents with affective disorders: the role of underlying depression and anxiety symptoms. *Front Hum Neurosci*, 8(393), 1-13. doi: 10.3389/fnhum.2014.00393. eCollection 2014.
- Van der Hart, Nijenhuis, & Steele (2005). Dissociation: an insufficiently recognized major feature of complex posttraumatic stress disorder. *J Trauma Stress*, 18(5), 413-423.
- Van den Heuvel, M.P., Kahn, R.S., Goñi, J., & Sporns, O. (2012). High-cost, high-capacity backbone for global brain communication. *Proc Natl Acad Sci U S A*, 109(28), 11372-7. doi: 10.1073/pnas.1203593109.

- Van den Heuvel, M.P., & Sporns, O. (2013a). Network hubs in the human brain. *Trends Cogn Sci*, 17(12), 683-94. doi: 10.1016/j.tics.2013.09.012
- Van den Heuvel, M.P., & Sporns, O. (2013b). An anatomical substrate for integration among functional networks in human cortex. *J Neurosci*, 33(36), 14489-500. doi: 10.1523/JNEUROSCI.2128-13.2013
- Van der Kolk, B.A. (1989). Pierre Janet and the breakdown of adaptation in psychological trauma. *Am J Psychiatry*, 146, 1530-1540.
- Van der Kolk, B.A. (1994). The body keeps the score. *Harvard Rev Psychiatry*, 1(5), 253-265. <https://doi.org/10.3109/10673229409017088>
- Van der Kolk, B. (2014). The body keeps the score. Brain, mind and body in the healing of trauma. New York, NY: Penguin Books Ltd.
- Van der Kolk, B. (2016). Commentary: the devastating effects of ignoring child maltreatment in psychiatry – a commentary on Teicher and Samson 2016. *J Child Psychol Psychiatry*, 57(3), 267-70. doi: 10.1111/jcpp.12540
- Van Hoof, M.J., Van den Bulk, B.G., Rombouts, S.A.R.B., Rinne-Albers, M.A.W., Van der Wee, N.J.A., Van IJzendoorn, M.H., & Vermeiren, R.R.J.M. (2017). Emotional face processing in adolescents with childhood sexual abuse related posttraumatic stress disorder, internalizing disorders and healthy controls. *Psychiatr Res: Neuroimaging* 264, 52-59. <https://doi.org/10.1016/j.psychresns.2017.04.006>
- Van Hoof, M.J., Van Lang, N.D.J., Speekenbrink, S., Van IJzendoorn, M.H., & Vermeiren, R.R.J.M. (2015). Adult Attachment Interview differentiates adolescents with Childhood Sexual Abuse from those with clinical depression and non-clinical controls. *Attach Hum Dev*, 17(4), 354-375. doi: 10.1080/14616734.2015.1050420
- Van Hoof, M.J., Riem, M.M.E., Garrett, A.S., Pannekoek, J.N., Van der Wee, N.J.A., Van IJzendoorn, M.H., & Vermeiren, R.R.J.M. (2019). Unresolved-disorganized attachment associated with smaller hippocampus and increased functional connectivity beyond psychopathology. *J Traumatic Stress*, 32, 742-752. doi: 10.1002/jts.22432
- Van Hoof, M.J., Riem, M.M.E., Garrett, A.S., Van der Wee, N.J.A., Van IJzendoorn, M.H., & Vermeiren, R.R.J.M. (2019). Unresolved-disorganized attachment adjusted for a general psychopathology factor associated with atypical amygdala resting state functional connectivity. *Eur J Psychotraumatol*, 10(1), 1583525. doi:10.1080/20008198.2019.1583525.
- Van Meijel, E., Verlinden, E., Diehle, J., & Lindauer, R. (2014). Clinician-administered PTSD scale for children and adolescents (CAPS-CA) interviewboek. Amsterdam, the Netherlands: University of Amsterdam. [https://pure.amc.nl/en/publications/clinicianadministered-ptst-scale-for-children-and-adolescents-capsca-interviewboek\(3c9e8824-0fa5-46c4-b230-7708cfc24a11\).html](https://pure.amc.nl/en/publications/clinicianadministered-ptst-scale-for-children-and-adolescents-capsca-interviewboek(3c9e8824-0fa5-46c4-b230-7708cfc24a11).html)
- Van Rosmalen, L. (2015). *From security to attachment*. Leiden, the Netherlands: Leiden University. Dissertation.
- Van IJzendoorn, M.H. (1995a). Adult attachment representations, parental responsiveness, and infant attachment: A meta-analysis on the predictive validity of the Adult Attachment Interview. *Psychol Bull*, 117(3), 387-403. doi:10.1037/00332909.117.3.387

- Van IJzendoorn, M.H. (1995b). Of the way we were: On temperament, attachment, and the transmission gap: A rejoinder to Fox (1995). *Psychol Bull*, 117(3), 411–415. doi:10.1037/0033-2909.117.3.411
- Van IJzendoorn, M.H., & Bakermans-Kranenburg, M.J. (2003). Attachment disorders and disorganized attachment: Similar and different. *Attach Hum Dev*, 5(3), 313–320. doi:10.1080/14616730310001593938
- Van IJzendoorn, M.H., & Bakermans-Kranenburg, M.J. (2014). Confined quest for continuity: The categorical versus continuous nature of attachment. *Monogr Soc Res Child Dev*, 79(3), 157–167. doi:10.1111/mono.12120
- Van IJzendoorn, M.H., Feldbrugge, J.T., Derks, F.C., de Ruiter, C., Verhagen, M.F., Philipse, M.W., Van der Staak, C.P., & Riksen-Walraven, J.M. (1997). Attachment representations of personality-disordered criminal offenders. *Am J Orthopsychiatry*, 67(3), 449–459. doi:10.1037/h0080246
- Van IJzendoorn, M.H., & Sagi-Schwartz, A. (2008). Cross-cultural patterns of attachment: Universal and contextual dimensions. In J. Cassidy & P. R. Shaver (Eds.), *Handbook of attachment: Theory, research and clinical applications* (2nd ed., pp. 880–905). New York, NY: The Guilford Press.
- Van IJzendoorn, M.H., & Schuengel, C. (1996). The measurement of dissociation in normal and clinical populations: Meta-analytic validation of the Dissociative Experiences Scale (DES). *Clin Psychol Rev*, 16(5), 365–382. doi:10.1016/0272-7358(96)00006-2
- Veer, I.M., Beckmann, C.F., Van Tol, M.J., Ferrarini, L., Milles, J., Veltman, D.J., Aleman, A., Van Buchem, M.A., Van der Wee, N.J., & Rombouts, S.A.R.B. (2010). Whole brain resting state analysis reveals decreased functional connectivity in major depression. *Front Systems Neurosci*, 4, 41, 1–10. doi:10.3389/fnsys.2010.00041.
- Verhulst, F.C., Ende, J. Van der, Koot, J.M. (1996). *Handleiding voor de CBCL/4-18*. Rotterdam, the Netherlands: Afdeling Kinder- en Jeugdpsychiatrie, Sophia Kinderziekenhuis/ Academisch Ziekenhuis Rotterdam/ Erasmus Universiteit Rotterdam.
- Verhulst, F.C., Ende, J., Van der, Koot, H.M. (1997). *Handleiding voor de Youth Self-Report (YSR)*. Rotterdam, the Netherlands: Afdeling Kinder- en Jeugdpsychiatrie, Sophia Kinderziekenhuis/ Erasmus Universiteit.
- Vermetten, E., & Lanius, R. (2012). Biological and clinical framework for post-traumatic stress disorder. In T.E. Schlaepfer & C.B. Nemeroff (Eds.), *Handbook of Clinical Neurology, Chapter 18 Neurobiology of Psychiatric Disorders*, 106(3rd series, pp. 291–342). <https://doi.org/10.1016/b978-0-444-52002-9.00044-9>
- Von Economo, C., & Koskinas, G.N. (1925). *Die Cytoarchitektonik der Hirnrinde des erwachsenen Menschen*. Berlin, Germany: Springer. <https://doi.org/10.1001/archneurpsyc.1926.02200300136013>
- Vrtička, P., Andersson, F., Grandjean, D., Sander, D. & Vuilleumier, P. (2008). Individual attachment style modulates human amygdala and striatum activation during social appraisal, *PLoS One*, 3, e2868. doi: 10.1371/journal.pone.0002868
- Vrtička, P., & Vuilleumier, P. (2012). Neuroscience of human social interactions and adult attachment style. *Front Hum Neurosci*, 6(212), 1–17. doi: 10.3389/fnhum.2012.00212
- Vrtička, P., Bondolfi, G., Sander, D., & Vuilleumier, P. (2012). The neural substrates of social emotion perception and regulation are modulated by adult attachment style. *Soc Neurosci*, 7(5), 473–93.

doi: 10.1080/17470919.2011.647410

- Vulliez-Coady, L., Obsuth, I., Torreiro-Casal, M., Ellertsdottir, L., & Lyons-Ruth, K. (2013). Maternal role confusion: Relations to maternal attachment and mother-child interaction from infancy to adolescence. *Infant Ment Health J*, 34(2), 117–131. doi:10.1002/imhj.21379

W

- Wallis, P., & Steele, H. (2001). Attachment representations in adolescence: Further evidence from psychiatric residential settings. *Attach Hum Dev*, 3(3), 259–268. doi:10.1080/14616730110096870
- Wang, L., Dai, Z., Peng, H., Tan, L., Ding, Y., He, Z., ... & Li, L. (2014). Overlapping and segregated resting-state functional connectivity in patients with major depressive disorder with and without childhood neglect. *Hum Brain Mapp*, 35, 1154–1166. doi: 10.1002/hbm.22241
- Waters, A.M., Bradley, B.P., & Mogg, K. (2014). Biased attention to threat in paediatric anxiety disorders (generalized anxiety disorder, social phobia, specific phobia, separation anxiety disorder) as a function of 'distress' versus 'fear' diagnostic categorization. *Psychol Med*, 44, 607–616. doi: 10.1017/S0033291713000779
- Waters, E., Merrick, S., Treboux, D., Crowell, J., & Albersheim, L. (2000). Attachment security in infancy and early adulthood: A twenty-year longitudinal study. *Child Dev*, 71(3), 684–689. doi:10.1111/cdev.2000.71.issue 3
- Watts, D.J., & Strogatz, S.H. (1998). Collective dynamics of 'small-world' networks. *Nature*, 393(6684), 440–442. <https://doi.org/10.1038/30918>
- Wauth, C.E., Lemus, M.G., & Gotlib, I.H. (2014). The role of the medial frontal cortex in the maintenance of emotional states. *SCAN*, 9, 2001–2009. doi:10.1093/scan/nsu011.
- Wechsler, D. (1991). *The Wechsler Intelligence Scale for Children-III*. Canada: Harcourt Brace.
- Wechsler, D. (1997). *Wechsler Adult Intelligence Scale-III*. San Antonio, TX: Harcourt Assessment.
- Wekerle, C., Wolfe, D. A., Hawkins, D. L., Pittman, A. L., Glickman, A., & Loevald, B. E. (2001). Childhood maltreatment, posttraumatic stress and symptomatology, and adolescent dating violence: Considering the value of adolescent perceptions of abuse and a trauma mediational model. *Dev Psychopathol*, 13(4), 847–871.
- Westenberg, P.M. (2002). Zinnenaanvullijst (ZALC): Psychodiagnostisch gereedschap. *De Psycholoog*, 37(6), 316–322.
- Westenberg, P.M., Jonckheer, J., Treffers, P.D.A., & Drewes, M.J. (1998). *Ego development in children and adolescents: Another side of the impulsive, self-protective, and conformist ego levels*. In P.M. Westenberg, A. Blasi, & L.D. Cohn (Eds.), *Personality development: Theoretical, empirical, and clinical investigations of Loevinger's conception of ego development* (pp. 89–112). Mahwah, NJ: Lawrence Erlbaum.
- Winkler, A.M., Ridgway, G.R., Webster, M.A., Smith, S.M., & Nichols, T.E. (2014). Permutation inference for the general linear model. *NeuroImage*, 92, 381–397. doi: 10.1016/j.neuroimage.2014.01.060

- Wolf, R.C., & Herringa, R.J. (2016). Prefrontal-amygdala dysregulation to threat in pediatric posttraumatic stress disorder. *Neuropsychopharmacol*, 41, 822-831. doi: 10.1038/npp.2015.209
- Woon, F.L., & Hedges, D.W. (2008). Hippocampal and amygdala volumes in children and adults with childhood maltreatment-related posttraumatic stress disorder: A meta-analysis. *Hippocampus*, 18, 729-736. doi: 10.1002/hipo.20437
- World Health Organization (2018). International Classification of Diseases, 11th edition (ICD-11). <https://icd.who.int>
- Worsley, K.J. (2001). **Statistical analysis of activation images**. In P. Jefferard, P.M. Matthews, & S.M. Smith (Eds.), *Functional MRI: An Introduction to Methods* (pp.251-270). New York: Oxford University Press Inc..
- Wu, X, Lin, P, Yang, J., Song, H., Yang, R., & Yang, J. (2016). Dysfunction of the cingulo opercular network in first-episode medication-naïve patients with major depressive disorder. *J Affective Dis*, 200, 275-283. doi: 10.1016/j.jad.2016.04.046

Z

- Zajac, K. & Kobak, R. (2009). Caregiver unresolved loss and abuse and child behaviour problems: intergenerational effects in a high-risk sample. *Dev Psychopathol*, 21(1), 173-87. doi: 10.1017/S095457940900011X
- Zald, D.H., & Lahey, B.B. (2017). Implications of the hierarchical structure of psychopathology for psychiatric neuroimaging. *Biol Psychiatry*, 2(4), 310-317. doi: 10.1016/j.bpsc.2017.02.003
- Zeanah CH, Benoit D, & Barton ML (1986). Working Model of the Child Interview. Unpublished manuscript. Providence, CT: Brown University Program in Medicine.
- Zeanah, C.H., & Smyke, A.T. (2008). Attachment disorders in family and social context. *Infant Ment Health J*, 29(3), 219-233. doi:10.1002/(ISSN)1097-0355
- Zegers, M.A., Schuengel, C., Van IJzendoorn, M H., & Janssens, J.M. (2006). Attachment representations of institutionalized adolescents and their professional caregivers: Predicting the development of therapeutic relationships. *Am J Orthopsychiatry*, 76(3), 325-334. doi:10.1037/0002-9432.76.3.325
- Zegers, M.A., Schuengel, C., Van IJzendoorn, M.H., & Janssens, J.M. (2008). Attachment and problem behavior of adolescents during residential treatment. *Attach Hum Dev*, 10(1), 91-103. doi:10.1080/14616730701868621
- Zhang, Y., Brady, M., & Smith, S. (2001). Segmentation of brain MR images through a hidden Markov random field model and the expectation-maximization algorithm. *IEEE Trans Med Imaging*, 20, 45-57. <https://doi.org/10.1109/42.906424>
- Zuckerman, M. (1999). *Vulnerability to psychopathology: A biosocial model*. Washington, DC: American Psychological Association.

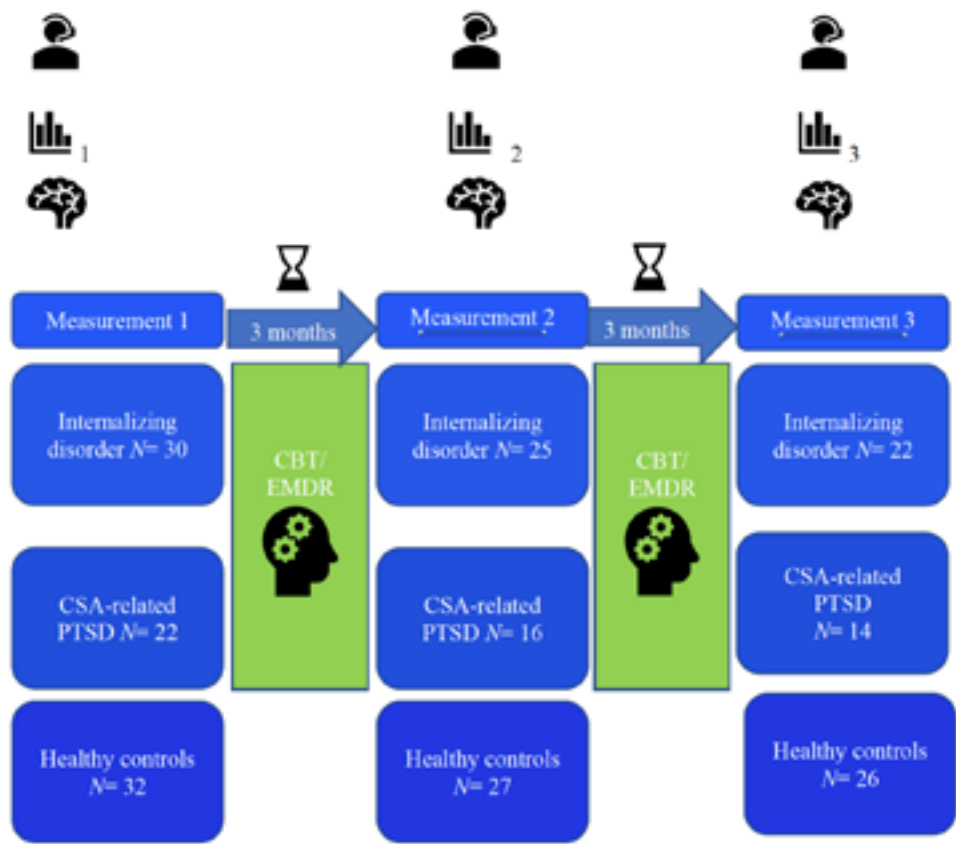
<https://www.forbes.com/sites/bernardmarr/2016/12/08/what-is-the-difference-between-deep-learning-machine-learning-and-ai/#19db351b26cf>

http://www.nimh.nih.gov/research-priorities/rdoc/nimh-research-domain-criteria-rdoc.shtml#toc_background

<http://www.FMRIB.ox.ac.uk/fsl> ; FSL FMRIB's Software Library

APPENDICES

STUDY DESIGN EPISCA



Graphic representation study design Emotional Pathways' Imaging in Clinical Adolescents (EPISCA) , slight variation presented at Publiekslezing "Hersenspinsels" LIBC, Leiden, May 15th, 2010

Studies presented in this thesis used data from Measurement 1 only

MEASUREMENT

- MRI scan
 - o Emotional faces task
 - o RSFC, fMRI (task), VBM/DTI/Structural, MTI, MRS
- Questionnaires/testing
 - o Psychopathological symptoms, coping, competence feeling, puberty
 - o IQ (6 subtests WISC or WAIS)
- Interviews
 - o ADIS (Silverman, Saavedra, & Pina, 2001)
 - o AAI (Main, Kaplan, & Cassidy, 1985)

EMOTIONAL FACES TASK

Four questions:

How afraid are you?

How happy are you?

How wide is the nose

Passive viewing

Three facial expressions:

Afraid

Happy

Neutral

- Several conditions
 - Focus on questions
 - Focus on emotions
 - Interaction between questions and emotions
- Behavioural data
 - Reaction times
 - Subjective scores
- fMRI data

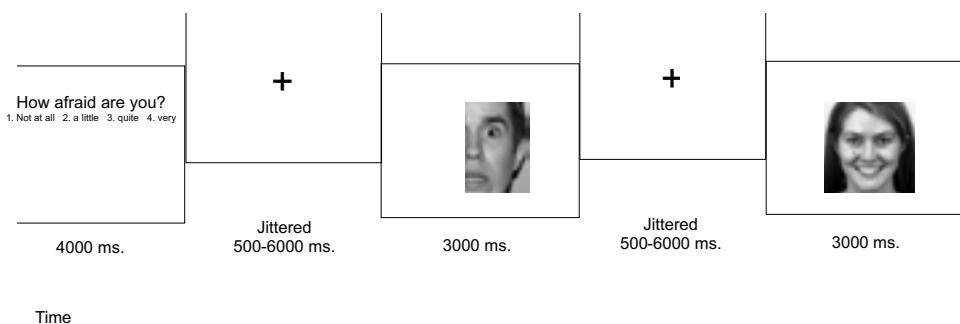


Fig. X. Display of task design. Subjects were presented with one of four states, followed by a centrally located cue, after which one of the emotional faces was shown. Subjects were asked to rate each emotional face on a four-point rating scale ranging from 'not at all' to 'very', based on the presented state. During scanning reaction times and subjective scoring were registered.

