



Universiteit
Leiden
The Netherlands

Friendship stress buffering in young people with childhood adversity

König, M.

Citation

König, M. (2025, September 25). *Friendship stress buffering in young people with childhood adversity*. Retrieved from <https://hdl.handle.net/1887/4262091>

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/1887/4262091>

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

Appendices

References

Dutch Summary (Nederlandse Samenvatting)

Curriculum Vitae

List of Publications

Acknowledgments

References

- Achterberg, M., Dobbelaar, S., Boer, O. D., & Crone, E. A. (2021). Perceived stress as mediator for longitudinal effects of the COVID-19 lockdown on wellbeing of parents and children. *Scientific Reports*, *11*(1), 2971. <https://doi.org/10.1038/s41598-021-81720-8>
- Agorastos, A., Pervanidou, P., Chrousos, G. P., & Kolaitis, G. (2018). Early life stress and trauma: developmental neuroendocrine aspects of prolonged stress system dysregulation. *Hormones*, *17*(4), 507–520. <https://doi.org/10.1007/s42000-018-0065-x>
- Ainsworth, M. D. S., Bell, S. M., & Stayton, D. F. (1974). Infant-mother attachment and social development: Socialization as a product of reciprocal responsiveness to signals. In M. P. M. Richards (Ed.), *The integration of a child into a social world*, Vol. 316, pp. 99–135. Cambridge University Press. <https://psycnet.apa.org/fulltext/1975-07118-004.pdf>
- Akaike, H. (1974). A new look at the statistical model identification. *IEEE Transactions on Automatic Control*, *19*(6), 716–723. <https://doi.org/10.1109/TAC.1974.1100705>
- Albert, D., Chein, J., & Steinberg, L. (2013). Peer influences on adolescent decision making: Peer influences on adolescent decision making. *Current Directions in Psychological Science*, *22*(2), 114–120. <https://doi.org/10.1177/0963721412471347>
- Aldridge-Waddon, L., Vanova, M., Munneke, J., Puzzo, I., & Kumari, V. (2020). Atypical social reward anticipation as a transdiagnostic characteristic of psychopathology: A meta-analytic review and critical evaluation of current evidence. *Clinical Psychology Review*, *82*, 101942. <https://doi.org/10.1016/j.cpr.2020.101942>
- Alink, L. R. A., Cicchetti, D., Kim, J., & Rogosch, F. A. (2009). Mediating and moderating processes in the relation between maltreatment and psychopathology: mother-child relationship quality and emotion regulation. *Journal of Abnormal Child Psychology*, *37*(6), 831–843. <https://doi.org/10.1007/s10802-009-9314-4>
- Alink, L. R. A., Cyr, C., & Madigan, S. (2019). The effect of maltreatment experiences on maltreating and dysfunctional parenting: A search for mechanisms. *Development and Psychopathology*, *31*(1), 1–7. <https://doi.org/10.1017/S0954579418001517>
- Allen, M., Poggiali, D., Whitaker, K., Marshall, T. R., van Langen, J., & Kievit, R. A. (2019). Raincloud plots: a multi-platform tool for robust data visualization. *Wellcome Open Research*, *4*, 63. <https://doi.org/10.12688/wellcomeopenres.15191.2>
- Amene, E. W., Annor, F. B., Gilbert, L. K., McOwen, J., Augusto, A., Manuel, P., N'gouanma Nobah, M. T. V., & Massetti, G. M. (2024). Prevalence of adverse childhood experiences in sub-saharan Africa: A multicountry analysis of the Violence Against Children and Youth Surveys (VACS).

- Child Abuse & Neglect*, 150, 106353.
<https://doi.org/10.1016/j.chiabu.2023.106353>
- Anand, K. J. S., Rigdon, J., Rovnaghi, C. R., Qin, F., Tembulkar, S., Bush, N., LeWinn, K., Tylavsky, F. A., Davis, R., Barr, D. A., & Gotlib, I. H. (2019). Measuring socioeconomic adversity in early life. *Acta Paediatrica*, 108(7), 1267–1277. <https://doi.org/10.1111/apa.14715>
- Andersen, S. L. (2003). Trajectories of brain development: point of vulnerability or window of opportunity? *Neuroscience and Biobehavioral Reviews*, 27(1–2), 3–18. [https://doi.org/10.1016/s0149-7634\(03\)00005-8](https://doi.org/10.1016/s0149-7634(03)00005-8)
- Andersen, S. L., Tomada, A., Vincow, E. S., Valente, E., Polcari, A., & Teicher, M. H. (2008). Preliminary evidence for sensitive periods in the effect of childhood sexual abuse on regional brain development. *The Journal of Neuropsychiatry and Clinical Neurosciences*, 20(3), 292–301. <https://doi.org/10.1176/jnp.2008.20.3.292>
- Angold, A., & Costello, E. J. (1987). Mood and feelings questionnaire (MFQ). *Durham, NC: Developmental Epidemiology Program*.
- Arnsten, A. F. T. (2009). Stress signalling pathways that impair prefrontal cortex structure and function. *Nature Reviews. Neuroscience*, 10(6), 410–422. <https://doi.org/10.1038/nrn2648>
- Arnsten, A. F. T. (2015). Stress weakens prefrontal networks: molecular insults to higher cognition. *Nature Neuroscience*, 18(10), 1376–1385. <https://doi.org/10.1038/nn.4087>
- Ashworth, E., Putwain, D. W., McLoughlin, S., Saini, P., Chopra, J., Rosser, B., & Eames, C. (2022). Ordinary magic in extraordinary circumstances: Factors associated with positive mental health outcomes for early adolescents during the COVID-19 pandemic. *Adversity and Resilience Science*, 3(1), 65–79. <https://doi.org/10.1007/s42844-022-00054-0>
- Askelund, A. D., Schweizer, S., Goodyer, I. M., & van Harmelen, A.-L. (2019). Positive memory specificity is associated with reduced vulnerability to depression. *Nature Human Behaviour*, 3(3), 265–273. <https://doi.org/10.1038/s41562-018-0504-3>
- Aspinall, E. (2020, April 8). *COVID-19 Timeline*. British Foreign Policy Group. <https://bfp.g.co.uk/2020/04/covid-19-timeline/>
- Assink, M., Spruit, A., Schuts, M., Lindauer, R., van der Put, C. E., & Stams, G.-J. J. M. (2018). The intergenerational transmission of child maltreatment: A three-level meta-analysis. *Child Abuse & Neglect*, 84, 131–145. <https://doi.org/10.1016/j.chiabu.2018.07.037>
- Auphan, N., DiDonato, J. A., Rosette, C., Helmberg, A., & Karin, M. (1995). Immunosuppression by glucocorticoids: inhibition of NF-kappa B activity through induction of I kappa B synthesis. *Science*, 270(5234), 286–290. <https://doi.org/10.1126/science.270.5234.286>
- Baayen, R. H., Davidson, D. J., & Bates, D. M. (2008). Mixed-effects modeling with crossed random effects for subjects and items. *Journal of Memory*

- and *Language*, 59(4), 390–412.
<https://doi.org/10.1016/j.jml.2007.12.005>
- Baddam, S., Laws, H., Crawford, J. L., Wu, J., Bolling, D. Z., Mayes, L. C., & Crowley, M. J. (2016). What they bring: baseline psychological distress differentially predicts neural response in social exclusion by children's friends and strangers in best friend dyads. *Social Cognitive and Affective Neuroscience*, 11(11), 1729–1740. <https://doi.org/10.1093/scan/nsw083>
- Baldwin, J. R., Caspi, A., Meehan, A. J., Ambler, A., Arseneault, L., Fisher, H. L., Harrington, H., Matthews, T., Odgers, C. L., Poulton, R., Ramrakha, S., Moffitt, T. E., & Danese, A. (2021). Population vs individual prediction of poor health from results of adverse childhood experiences screening. *JAMA Pediatrics*, 175(4), 385–393.
<https://doi.org/10.1001/jamapediatrics.2020.5602>
- Baldwin, J. R., & Degli Esposti, M. (2021). Triangulating evidence on the role of perceived versus objective experiences of childhood adversity in psychopathology. *JCPP Advances*, 1(1): e12010.
<https://doi.org/10.1111/jcv2.12010>
- Baldwin, J. R., Reuben, A., Newbury, J. B., & Danese, A. (2019). Agreement between prospective and retrospective measures of childhood maltreatment: A systematic review and meta-analysis. *JAMA Psychiatry*, 76(6), 584–593. <https://doi.org/10.1001/jamapsychiatry.2019.0097>
- Bamber, D., Tamplin, A., Park, R. J., Kyte, Z. A., & Goodyer, I. M. (2002). Development of a short leyton obsessional inventory for children and adolescents. *Journal of the American Academy of Child and Adolescent Psychiatry*, 41(10), 1246–1252. <https://doi.org/10.1097/00004583-200210000-00015>
- Barnes, P. J. (1998). Anti-inflammatory actions of glucocorticoids: molecular mechanisms. *Clinical Science*, 94(6), 557–572.
<https://doi.org/10.1042/cs0940557>
- Barnes, P. J., & Adcock, I. M. (2009). Glucocorticoid resistance in inflammatory diseases. *Lancet*, 373(9678), 1905–1917. [https://doi.org/10.1016/s0140-6736\(09\)60326-3](https://doi.org/10.1016/s0140-6736(09)60326-3)
- Barnett, A. G., van der Pols, J. C., & Dobson, A. J. (2005). Regression to the mean: what it is and how to deal with it. *International Journal of Epidemiology*, 34(1), 215–220. <https://doi.org/10.1093/ije/dyh299>
- Barry, T. J., Chiu, C. P. Y., Raes, F., Ricarte, J., & Lau, H. (2018). The neurobiology of reduced autobiographical memory specificity. *Trends in Cognitive Sciences*, 22(11), 1038–1049. <https://doi.org/10.1016/j.tics.2018.09.001>
- Barry, T. J., Lenaert, B., Hermans, D., Raes, F., & Griffith, J. W. (2018). Meta-analysis of the association between autobiographical memory specificity and exposure to trauma: Memory specificity and trauma. *Journal of Traumatic Stress*, 31(1), 35–46. <https://doi.org/10.1002/jts.22263>

- Barry, T. J., Vinograd, M., Boddez, Y., Raes, F., Zinbarg, R., Mineka, S., & Craske, M. G. (2019). Reduced autobiographical memory specificity affects general distress through poor social support. *Memory*, *27*(7), 916–923. <https://doi.org/10.1080/09658211.2019.1607876>
- Beauchamp, M. H., Degeilh, F., Yeates, K., Gagnon, I., Tang, K., Gravel, J., Stang, A., Burstein, B., Bernier, A., Lebel, C., El Jalbout, R., Lupien, S., de Beaumont, L., Zemek, R., Dehaes, M., & Deschenes, S. (2020). Kids' Outcomes And Long-term Abilities (KOALA): Protocol for a prospective, longitudinal cohort study of mild traumatic brain injury in children 6 months to 6 years of age. *BMJ Open*, *10*(10): e040603. <https://doi.org/10.1136/bmjopen-2020-040603>
- Beckerman, M., van Berkel, S. R., Mesman, J., & Alink, L. R. A. (2018). Negative parental attributions mediate associations between risk factors and dysfunctional parenting: A replication and extension. *Child Abuse & Neglect*, *81*, 249–258. <https://doi.org/10.1016/j.chiabu.2018.05.001>
- Bellis, M. A., Hughes, K., Ford, K., Ramos Rodriguez, G., Sethi, D., & Passmore, J. (2019). Life course health consequences and associated annual costs of adverse childhood experiences across Europe and North America: a systematic review and meta-analysis. *The Lancet. Public Health*, *4*(10), e517–e528. [https://doi.org/10.1016/S2468-2667\(19\)30145-8](https://doi.org/10.1016/S2468-2667(19)30145-8)
- Bellis, M. A., Hughes, K., Leckenby, N., Perkins, C., & Lowey, H. (2014). National household survey of adverse childhood experiences and their relationship with resilience to health-harming behaviors in England. *BMC Medicine*, *12*, 72. <https://doi.org/10.1186/1741-7015-12-72>
- Belsky, J., Schlomer, G. L., & Ellis, B. J. (2012). Beyond cumulative risk: distinguishing harshness and unpredictability as determinants of parenting and early life history strategy. *Developmental Psychology*, *48*(3), 662–673. <https://doi.org/10.1037/a0024454>
- Benedini, K. M., Fagan, A. A., & Gibson, C. L. (2016). The cycle of victimization: The relationship between childhood maltreatment and adolescent peer victimization. *Child Abuse & Neglect*, *59*, 111–121. <https://doi.org/10.1016/j.chiabu.2016.08.003>
- Benjamini, Y., & Hochberg, Y. (1995). Controlling the false discovery rate: A practical and powerful approach to multiple testing. *Journal of the Royal Statistical Society*, *57*(1), 289–300. <https://doi.org/10.1111/j.2517-6161.1995.tb02031.x>
- Ben-Shachar, M., Lüdtke, D., & Makowski, D. (2020). Effectsize: Estimation of effect size indices and standardized parameters. *Journal of Open Source Software*, *5*(56), 2815. <https://doi.org/10.21105/joss.02815>
- Berens, A. E., Jensen, S. K. G., & Nelson, C. A., 3rd. (2017). Biological embedding of childhood adversity: from physiological mechanisms to clinical implications. *BMC Medicine*, *15*(1), 135. <https://doi.org/10.1186/s12916-017-0895-4>

- Berkowitz, S. J., Stover, C. S., & Marans, S. R. (2011). The Child and Family Traumatic Stress Intervention: secondary prevention for youth at risk of developing PTSD. *Journal of Child Psychology and Psychiatry, and Allied Disciplines*, 52(6), 676–685. <https://doi.org/10.1111/j.1469-7610.2010.02321.x>
- Berman, I. S., McLaughlin, K. A., Tottenham, N., Godfrey, K., Seeman, T., Loucks, E., Suomi, S., Danese, A., & Sheridan, M. A. (2022). Measuring early life adversity: A dimensional approach. *Development and Psychopathology*, 1–13. <https://doi.org/10.1017/S0954579421001826>
- Bernasco, E. L., Nelemans, S. A., van der Graaff, J., & Branje, S. (2021). Friend support and internalizing symptoms in early adolescence during COVID-19. *Journal of Research on Adolescence: The Official Journal of the Society for Research on Adolescence*, 31(3), 692–702. <https://doi.org/10.1111/jora.12662>
- Bernasco, E. L., van der Graaff, J., Meeus, W. H. J., & Branje, S. (2022). Peer victimization, internalizing problems, and the buffering role of friendship quality: Disaggregating between- and within-person associations. *Journal of Youth and Adolescence*, 51(8), 1653–1666. <https://doi.org/10.1007/s10964-022-01619-z>
- Bernstein, D. P., Fink, L., Handelsman, L., Foote, J., Lovejoy, M., Wenzel, K., Sapareto, E., & Ruggiero, J. (1994). Initial reliability and validity of a new retrospective measure of child abuse and neglect. *The American Journal of Psychiatry*, 151(8), 1132–1136. <https://doi.org/10.1176/ajp.151.8.1132>
- Bernstein, D. P., Stein, J. A., Newcomb, M. D., Walker, E., Pogge, D., Ahluvalia, T., Stokes, J., Handelsman, L., Medrano, M., Desmond, D., & Zule, W. (2003). Development and validation of a brief screening version of the Childhood Trauma Questionnaire. *Child Abuse & Neglect*, 27(2), 169–190. [https://doi.org/10.1016/s0145-2134\(02\)00541-0](https://doi.org/10.1016/s0145-2134(02)00541-0)
- Berretz, G., Packheiser, J., Kumsta, R., Wolf, O. T., & Ocklenburg, S. (2021). The brain under stress-A systematic review and activation likelihood estimation meta-analysis of changes in BOLD signal associated with acute stress exposure. *Neuroscience and Biobehavioral Reviews*, 124, 89–99. <https://doi.org/10.1016/j.neubiorev.2021.01.001>
- Bigler, E. D., Yeates, K. O., Dennis, M., Gerhardt, C. A., Rubin, K. H., Stancin, T., Taylor, H. G., & Vannatta, K. (2013). Neuroimaging and social behavior in children after traumatic brain injury: Findings from the Social Outcomes of Brain Injury in Kids (SOBIK) study. *NeuroRehabilitation*, 32(4), 707–720. <https://doi.org/10.3233/NRE-130896>
- Bird, C. M., & Burgess, N. (2008). The hippocampus and memory: insights from spatial processing. *Nature Reviews. Neuroscience*, 9(3), 182–194. <https://doi.org/10.1038/nrn2335>
- Birn, R. M., Roeber, B. J., & Pollak, S. D. (2017). Early childhood stress exposure, reward pathways, and adult decision making. *Proceedings of the*

- National Academy of Sciences of the United States of America*, 114(51), 13549–13554. <https://doi.org/10.1073/pnas.1708791114>
- Black, M. M., Walker, S. P., Fernald, L. C. H., Andersen, C. T., DiGirolamo, A. M., Lu, C., McCoy, D. C., Fink, G., Shawar, Y. R., Shiffman, J., Devercelli, A. E., Wodon, Q. T., Vargas-Barón, E., Grantham-McGregor, S., & Lancet Early Childhood Development Series Steering Committee. (2017). Early childhood development coming of age: science through the life course. *Lancet*, 389(10064), 77–90. [https://doi.org/10.1016/S0140-6736\(16\)31389-7](https://doi.org/10.1016/S0140-6736(16)31389-7)
- Blair, R. J. R., & Zhang, R. (2020). Recent neuro-imaging findings with respect to conduct disorder, callous-unemotional traits and psychopathy. *Current Opinion in Psychiatry*, 33(1), 45–50. <https://doi.org/10.1097/YCO.0000000000000559>
- Blakemore, S.-J. (2008). The social brain in adolescence. *Nature Reviews Neuroscience*, 9(4), 267–277. <https://doi.org/10.1038/nrn2353>
- Blakemore, S.-J., Burnett, S., & Dahl, R. E. (2010). The role of puberty in the developing adolescent brain. *Human Brain Mapping*, 31(6), 926–933. <https://doi.org/10.1002/hbm.21052>
- Blakemore, S.-J., & Mills, K. L. (2014). Is adolescence a sensitive period for sociocultural processing? *Annual Review of Psychology*, 65, 187–207. <https://doi.org/10.1146/annurev-psych-010213-115202>
- Bolger, K. E., & Patterson, C. J. (2001). Developmental pathways from child maltreatment to peer rejection. *Child Development*, 72(2), 549–568. <https://doi.org/10.1111/1467-8624.00296>
- Bonanno, G. A., Galea, S., Bucchiarelli, A., & Vlahov, D. (2007). What predicts psychological resilience after disaster? The role of demographics, resources, and life stress. *Journal of Consulting and Clinical Psychology*, 75(5), 671–682. <https://doi.org/10.1037/0022-006X.75.5.671>
- Bonanno, G. A., Westphal, M., & Mancini, A. D. (2011). Resilience to loss and potential trauma. *Annual Review of Clinical Psychology*, 7, 511–535. <https://doi.org/10.1146/annurev-clinpsy-032210-104526>
- Borchert, K. (2019). *Inquisit Montreal Imaging Stress Task*. <https://www.millisecond.com/download/library/montrealstresstest>
- Borelli, J. L., Cohen, C., Pettit, C., Normandin, L., Target, M., Fonagy, P., & Ensink, K. (2019). Maternal and child sexual abuse history: An intergenerational exploration of children’s adjustment and maternal trauma-reflective functioning. *Frontiers in Psychology*, 10, 1062. <https://doi.org/10.3389/fpsyg.2019.01062>
- Borkowska, M., & Laurence, J. (2021). Coming together or coming apart? Changes in social cohesion during the Covid-19 pandemic in England. *European Societies*, 23(sup1), S618–S636. <https://doi.org/10.1080/14616696.2020.1833067>

- Bornstein, M. H., Jager, J., & Putnick, D. L. (2013). Sampling in developmental science: Situations, shortcomings, solutions, and standards. *Developmental Review*, 33(4), 357–370. <https://doi.org/10.1016/j.dr.2013.08.003>
- Boulton, M. J., Trueman, M., Chau, C., Whitehand, C., & Amatya, K. (1999). Concurrent and longitudinal links between friendship and peer victimization: implications for befriending interventions. *Journal of Adolescence*, 22(4), 461–466. <https://doi.org/10.1006/jado.1999.0240>
- Bourassa, K. J., Caspi, A., Brennan, G. M., Hall, K. S., Harrington, H., Houts, R., Kimbrel, N. A., Poulton, R., Ramrakha, S., Taylor, G. A., & Moffitt, T. E. (2023). Which types of stress are associated with accelerated biological aging? Comparing perceived stress, stressful life events, childhood adversity, and posttraumatic stress disorder. *Psychosomatic Medicine*, 85(5), 389–396. <https://doi.org/10.1097/PSY.0000000000001197>
- Bowes, L., Joinson, C., Wolke, D., & Lewis, G. (2015). Peer victimisation during adolescence and its impact on depression in early adulthood: prospective cohort study in the United Kingdom. *BMJ*, 350, h2469. <https://doi.org/10.1136/bmj.h2469>
- Bowlby, J. (1982). Attachment and loss: retrospect and prospect. *The American Journal of Orthopsychiatry*, 52(4), 664–678. <https://doi.org/10.1111/j.1939-0025.1982.tb01456.x>
- Braga, T., Gonçalves, L. C., Basto-Pereira, M., & Maia, Â. (2017). Unraveling the link between maltreatment and juvenile antisocial behavior: A meta-analysis of prospective longitudinal studies. *Aggression and Violent Behavior*, 33, 37–50. <https://doi.org/10.1016/j.avb.2017.01.006>
- Brandmaier, A. M., von Oertzen, T., Ghisletta, P., Hertzog, C., & Lindenberger, U. (2015). LIFESPAN: A tool for the computer-aided design of longitudinal studies. *Frontiers in Psychology*, 6. <https://doi.org/10.3389/fpsyg.2015.00272>
- Breaux, R., Cash, A. R., Lewis, J., Garcia, K. M., Dvorsky, M. R., & Becker, S. P. (2023). Impacts of COVID-19 quarantine and isolation on adolescent social functioning. *Current Opinion in Psychology*, 52, 101613. <https://doi.org/10.1016/j.copsyc.2023.101613>
- Bremner, J. D., Vermetten, E., Schmahl, C., Vaccarino, V., Vythilingam, M., Afzal, N., Grillon, C., & Charney, D. S. (2005). Positron emission tomographic imaging of neural correlates of a fear acquisition and extinction paradigm in women with childhood sexual-abuse-related post-traumatic stress disorder. *Psychological Medicine*, 35(6), 791–806. <https://doi.org/10.1017/S0033291704003290>
- Brieant, A., Sisk, L. M., Keding, T. J., Cohodes, E. M., & Gee, D. G. (2024). Leveraging multivariate approaches to advance the science of early-life adversity. *Child Abuse & Neglect*, 106754. <https://doi.org/10.1016/j.chiabu.2024.106754>

- Brock, R. L., Barry, R. A., Lawrence, E., Dey, J., & Rolffs, J. (2012). Internet administration of paper-and-pencil questionnaires used in couple research: assessing psychometric equivalence: Assessing psychometric equivalence. *Assessment*, *19*(2), 226–242. <https://doi.org/10.1177/1073191110382850>
- Brown, S. M., Rienks, S., McCrae, J. S., & Watamura, S. E. (2019). The co-occurrence of adverse childhood experiences among children investigated for child maltreatment: A latent class analysis. *Child Abuse & Neglect*, *87*, 18–27. <https://doi.org/10.1016/j.chiabu.2017.11.010>
- Bruijtel, J., Stapert, S. Z., Vermeeren, A., Ponsford, J. L., & van Heugten, C. M. (2018). Unraveling the biopsychosocial factors of fatigue and sleep problems after traumatic brain injury: Protocol for a multicenter longitudinal cohort study. *JMIR Research Protocols*, *7*(10), 137–148. <https://doi.org/10.2196/11295>
- Buhrmester, D., & Furman, W. (1987). The development of companionship and intimacy. *Child Development*, *58*(4), 1101. <https://doi.org/10.2307/1130550>
- Buisman, R. S. M., Pittner, K., Tollenaar, M. S., Lindenberg, J., van den Berg, L. J. M., Compier-de Block, L. H. C. G., van Ginkel, J. R., Alink, L. R. A., Bakermans-Kranenburg, M. J., Elzinga, B. M., & van IJzendoorn, M. H. (2020). Intergenerational transmission of child maltreatment using a multi-informant multi-generation family design. *PloS One*, *15*(3), e0225839. <https://doi.org/10.1371/journal.pone.0225839>
- Bukowski, W. M., Newcomb, A. F., & Hartup, W. W. (1998). *The company they keep: Friendships in childhood and adolescence*. Cambridge University Press. <https://books.google.com/books?hl=en&lr=&id=UljSHtTxTXEC&oi=fnd&pg=PR7&dq=The+company+they+keep:+Friendship+in+childhood+and+adolescence.&ots=NbUQOCd3UU&sig=jqY58xIEaqeFV2rB8sqehGyVl38>
- Burnett Heyes, S., Jih, Y.-R., Block, P., Hiu, C.-F., Holmes, E. A., & Lau, J. Y. F. (2015). Relationship reciprocation modulates resource allocation in adolescent social networks: Developmental effects. *Child Development*, *86*(5), 1489–1506. <https://doi.org/10.1111/cdev.12396>
- Burnside, E., Startup, M., Byatt, M., Rollinson, L., & Hill, J. (2004). The role of overgeneral autobiographical memory in the development of adult depression following childhood trauma. *The British Journal of Clinical Psychology*, *43*(4), 365–376. <https://doi.org/10.1348/0144665042388991>
- Cain, M. K., Zhang, Z., & Bergeman, C. S. (2018). Time and other considerations in mediation design. *Educational and Psychological Measurement*, *78*(6), 952–972. <https://doi.org/10.1177/0013164417743003>

- Calhoun, C. D., Helms, S. W., Heilbron, N., Rudolph, K. D., Hastings, P. D., & Prinstein, M. J. (2014). Relational victimization, friendship, and adolescents' hypothalamic-pituitary-adrenal axis responses to an in vivo social stressor. *Development and Psychopathology*, *26*(3), 605–618. <https://doi.org/10.1017/S0954579414000261>
- Callaghan, B. L., Gee, D. G., Gabard-Durnam, L., Telzer, E. H., Humphreys, K. L., Goff, B., Shapiro, M., Flannery, J., Lumian, D. S., Fareri, D. S., Caldera, C., & Tottenham, N. (2019). Decreased amygdala reactivity to parent cues protects against anxiety following early adversity: An examination across 3 years. *Biological Psychiatry. Cognitive Neuroscience and Neuroimaging*, *4*(7), 664–671. <https://doi.org/10.1016/j.bpsc.2019.02.001>
- Casement, M. D., Guyer, A. E., Hipwell, A. E., McAloon, R. L., Hoffmann, A. M., Keenan, K. E., & Forbes, E. E. (2014). Girls' challenging social experiences in early adolescence predict neural response to rewards and depressive symptoms. *Developmental Cognitive Neuroscience*, *8*, 18–27. <https://doi.org/10.1016/j.dcn.2013.12.003>
- Casey, B. J., Cannonier, T., Conley, M. I., Cohen, A. O., Barch, D. M., Heitzeg, M. M., Soules, M. E., Teslovich, T., Dellarco, D. V., Garavan, H., Orr, C. A., Wager, T. D., Banich, M. T., Speer, N. K., Sutherland, M. T., Riedel, M. C., Dick, A. S., Bjork, J. M., Thomas, K. M., ... ABCD Imaging Acquisition Workgroup. (2018). The Adolescent Brain Cognitive Development (ABCD) study: Imaging acquisition across 21 sites. *Developmental Cognitive Neuroscience*, *32*, 43–54. <https://doi.org/10.1016/j.dcn.2018.03.001>
- Chen, H. J., Zhang, L., Ke, J., Qi, R., Xu, Q., Zhong, Y., Pan, M., Li, J., Lu, G. M., & Chen, F. (2019). Altered resting-state dorsal anterior cingulate cortex functional connectivity in patients with post-traumatic stress disorder. *The Australian and New Zealand Journal of Psychiatry*, *53*(1), 68–79. <https://doi.org/10.1177/0004867418812674>
- Chen, Y., & Baram, T. Z. (2016). Toward understanding how early-life stress reprograms cognitive and emotional brain networks. *Neuropsychopharmacology*, *41*(1), 197–206. <https://doi.org/10.1038/npp.2015.181>
- Chen, Y., Dubé, C. M., Rice, C. J., & Baram, T. Z. (2008). Rapid loss of dendritic spines after stress involves derangement of spine dynamics by corticotropin-releasing hormone. *The Journal of Neuroscience*, *28*(11), 2903–2911. <https://doi.org/10.1523/JNEUROSCI.0225-08.2008>
- Choi, K., Boudreau, A. A., & Dunn, E. C. (2023). Raising the bar for measuring childhood adversity. *The Lancet. Child & Adolescent Health*, *7*(2), 81–83. [https://doi.org/10.1016/S2352-4642\(22\)00301-7](https://doi.org/10.1016/S2352-4642(22)00301-7)
- Choi, K., Lee, Y. H., Liu, Z., Fatori, D., Bauermeister, J. R., Luh, R. A., Clark, C. R., Brunoni, A. R., Bauermeister, S., & Smoller, J. W. (2023). Social support

- and depression during a global crisis. *Nature Mental Health*, 1(6), 428–435. <https://doi.org/10.1038/s44220-023-00078-0>
- Christensen, D. S., Dich, N., Flensburg-Madsen, T., Garde, E., Hansen, Å. M., & Mortensen, E. L. (2019). Objective and subjective stress, personality, and allostatic load. *Brain and Behavior*, 9(9), e01386. <https://doi.org/10.1002/brb3.1386>
- Chung, K. C., Springer, I., Kogler, L., Turetsky, B., Freiherr, J., & Derntl, B. (2016). The influence of androstadienone during psychosocial stress is modulated by gender, trait anxiety and subjective stress: An fMRI study. *Psychoneuroendocrinology*, 68, 126–139. <https://doi.org/10.1016/j.psyneuen.2016.02.026>
- Cicchetti, D., & Valentino, K. (2006). An ecological-transactional perspective on child maltreatment: Failure of the average expectable environment and its influence on child development. In D. Cicchetti (Ed.), *Developmental psychopathology: Risk, disorder, and adaptation, Vol. 3*, pp. 129–201. John Wiley & Sons, Inc. <https://psycnet.apa.org/fulltext/2006-03609-004.pdf>
- Cisler, J. M., & Koster, E. H. W. (2010). Mechanisms of attentional biases towards threat in anxiety disorders: An integrative review. *Clinical Psychology Review*, 30(2), 203–216. <https://doi.org/10.1016/j.cpr.2009.11.003>
- Clark, C., Caldwell, T., Power, C., & Stansfeld, S. A. (2010). Does the influence of childhood adversity on psychopathology persist across the lifecourse? A 45-year prospective epidemiologic study. *Annals of Epidemiology*, 20(5), 385–394. <https://doi.org/10.1016/j.annepidem.2010.02.008>
- Cohen, S., & Wills, T. A. (1985). Stress, social support, and the buffering hypothesis. *Psychological Bulletin*, 98(2), 310–357. <https://www.ncbi.nlm.nih.gov/pubmed/3901065>
- Cohen, S., Janicki-Deverts, D., & Miller, G. E. (2007). Psychological stress and disease. *JAMA*, 298(14), 1685–1687. <https://doi.org/10.1001/jama.298.14.1685>
- Cohen, S., Kamarck, T., & Mermelstein, R. (1983). Perceived Stress Scale. *Journal of Health and Social Behavior*. <https://doi.org/10.1037/t02889-000>
- Cohodes, E. M., Kitt, E. R., Baskin-Sommers, A., & Gee, D. G. (2021). Influences of early-life stress on frontolimbic circuitry: Harnessing a dimensional approach to elucidate the effects of heterogeneity in stress exposure. *Developmental Psychobiology*, 63(2), 153–172. <https://doi.org/10.1002/dev.21969>
- Coie, J. D., & Cillessen, A. H. N. (1993). Peer rejection: Origins and effects on children's development. *Current Directions in Psychological Science*, 2(3), 89–93. <https://doi.org/10.1111/1467-8721.ep10770946>
- Cole, D. A., Nick, E. A., Zelkowitz, R. L., Roeder, K. M., & Spinelli, T. (2017). Online social support for young people: Does it recapitulate in-person

- social support; Can It Help? *Computers in Human Behavior*, 68, 456–464. <https://doi.org/10.1016/j.chb.2016.11.058>
- Cole, P. M., & Zahn-Waxler, C. (1992). Emotional dysregulation in disruptive behavior disorders. *Rochester Symposium on Developmental Psychopathology*, 4, 173–210. https://books.google.com/books?hl=en&lr=&id=Q_jCIkC9E2kC&oi=fnd&pg=PA173&dq=Cole+%26+Zahn-Waxler,+1992&ots=mJOvLuN2dy&sig=Kl6aumc2m_WX1TNv082oCUZrp7Y
- Colman, I., Kingsbury, M., Garad, Y., Zeng, Y., Naicker, K., Patten, S., Jones, P. B., Wild, T. C., & Thompson, A. H. (2016). Consistency in adult reporting of adverse childhood experiences. *Psychological Medicine*, 46(3), 543–549. <https://doi.org/10.1017/S0033291715002032>
- Consultation on Child Abuse Prevention (1999: Geneva, S., World Health Organization. Violence and Injury Prevention Team, & Global Forum for Health Research. (1999). *Report of the Consultation on Child Abuse Prevention, 29-31 March 1999, WHO, Geneva* (WHO/HSC/PVI/99.1). World Health Organization. <https://apps.who.int/iris/handle/10665/65900>
- Corr, R., Pelletier-Baldelli, A., Glier, S., Bizzell, J., Campbell, A., & Belger, A. (2021). Neural mechanisms of acute stress and trait anxiety in adolescents. *NeuroImage. Clinical*, 29, 102543. <https://doi.org/10.1016/j.nicl.2020.102543>
- Cosme, D., Flournoy, J. C., Livingston, J. L., Lieberman, M. D., Dapretto, M., & Pfeifer, J. H. (2022). Testing the adolescent social reorientation model during self and other evaluation using hierarchical growth curve modeling with parcellated fMRI data. *Developmental Cognitive Neuroscience*, 54, 101089. <https://doi.org/10.1016/j.dcn.2022.101089>
- Crick, N. R., & Dodge, K. A. (1994). A review and reformulation of social information-processing mechanisms in children's social adjustment. *Psychological Bulletin*, 115(1), 74–101. <https://doi.org/10.1037/0033-2909.115.1.74>
- Crone, E. A., & Dahl, R. E. (2012). Understanding adolescence as a period of social-affective engagement and goal flexibility. *Nature Reviews. Neuroscience*, 13(9), 636–650. <https://doi.org/10.1038/nrn3313>
- Crouch, E., Radcliff, E., Brown, M., & Hung, P. (2019). Exploring the association between parenting stress and a child's exposure to adverse childhood experiences (ACEs). *Children and Youth Services Review*, 102, 186–192. <https://doi.org/10.1016/j.childyouth.2019.05.019>
- Cryan, J. F., & Dinan, T. G. (2013). Unraveling the longstanding scars of early neurodevelopmental stress. *Biological Psychiatry*, 74(11), 788–789. <https://doi.org/10.1016/j.biopsych.2013.10.004>

- Currie, J., & Tekin, E. (2012). Understanding the cycle: Childhood maltreatment and future crime. *The Journal of Human Resources*, *47*(2), 509–549. <https://doi.org/10.3368/jhr.47.2.509>
- Curtis, W. J., & Cicchetti, D. (2007). Emotion and resilience: a multilevel investigation of hemispheric electroencephalogram asymmetry and emotion regulation in maltreated and nonmaltreated children. *Development and Psychopathology*, *19*(3), 811–840. <https://doi.org/10.1017/S0954579407000405>
- da Silva Ferreira, G. C., Crippa, J. A. S., & de Lima Osório, F. (2014). Facial emotion processing and recognition among maltreated children: a systematic literature review. *Frontiers in Psychology*, *5*, 1460. <https://doi.org/10.3389/fpsyg.2014.01460>
- Daine, K., Hawton, K., Singaravelu, V., Stewart, A., Simkin, S., & Montgomery, P. (2013). The power of the web: a systematic review of studies of the influence of the internet on self-harm and suicide in young people. *PLoS One*, *8*(10), e77555. <https://doi.org/10.1371/journal.pone.0077555>
- Dalgleish, T., & Werner-Seidler, A. (2014). Disruptions in autobiographical memory processing in depression and the emergence of memory therapeutics. *Trends in Cognitive Sciences*, *18*(11), 596–604. <https://doi.org/10.1016/j.tics.2014.06.010>
- Dalgleish, T., Williams, J. M. G., Golden, A.-M. J., Perkins, N., Barrett, L. F., Barnard, P. J., Yeung, C. A., Murphy, V., Elward, R., Tchanturia, K., & Watkins, E. (2007). Reduced specificity of autobiographical memory and depression: the role of executive control. *Journal of Experimental Psychology: General*, *136*(1), 23–42. <https://doi.org/10.1037/0096-3445.136.1.23>
- Danese, A. (2020). Annual Research Review: Rethinking childhood trauma-new research directions for measurement, study design and analytical strategies. *Journal of Child Psychology and Psychiatry, and Allied Disciplines*, *61*(3), 236–250. <https://doi.org/10.1111/jcpp.13160>
- Danese, A., & Baldwin, J. R. (2017). Hidden wounds? Inflammatory links between childhood trauma and psychopathology. *Annual Review of Psychology*, *68*(1), 517–544. <https://doi.org/10.1146/annurev-psych-010416-044208>
- Danese, A., & Lewis, S. J. (2022). New directions in research on childhood adversity. *The British Journal of Psychiatry*, *220*(3), 107–108. <https://doi.org/10.1192/bjp.2021.152>
- Danese, A., & McEwen, B. S. (2012). Adverse childhood experiences, allostasis, allostatic load, and age-related disease. *Physiology & Behavior*, *106*(1), 29–39. <https://doi.org/10.1016/j.physbeh.2011.08.019>
- Danese, A., & Widom, C. S. (2020). Objective and subjective experiences of child maltreatment and their relationships with psychopathology. *Nature Human Behaviour*, *4*(8), 811–818. <https://doi.org/10.1038/s41562-020-0880-3>

- Daniels, J. K., Hegadoren, K. M., Coupland, N. J., Rowe, B. H., Densmore, M., Neufeld, R. W. J., & Lanius, R. A. (2011). Neural correlates and predictive power of trait resilience in an acutely traumatized sample: A pilot investigation. *The Journal of Clinical Psychiatry*, *73*(3), 327–332. <https://doi.org/10.4088/JCP.10m06293>
- Davis, M., & Whalen, P. J. (2001). The amygdala: vigilance and emotion. *Molecular Psychiatry*, *6*(1), 13–34. <https://doi.org/10.1038/sj.mp.4000812>
- De Goede, I. H. A., Branje, S. J. T., Delsing, M. J. M. H., & Meeus, W. H. J. (2009). Linkages over time between adolescents' relationships with parents and friends. *Journal of Youth and Adolescence*, *38*(10), 1304–1315. <https://doi.org/10.1007/s10964-009-9403-2>
- de Kloet, E. R., Rots, N. Y., & Cools, A. R. (1996). Brain-corticosteroid hormone dialogue: slow and persistent. *Cellular and Molecular Neurobiology*, *16*(3), 345–356. <https://doi.org/10.1007/BF02088100>
- Debeer, E., Hermans, D., & Raes, F. (2009). Associations between components of rumination and autobiographical memory specificity as measured by a Minimal Instructions Autobiographical Memory Test. *Memory*, *17*(8), 892–903. <https://doi.org/10.1080/09658210903376243>
- Decety, J., Michalska, K. J., Akitsuki, Y., & Lahey, B. B. (2009). Atypical empathic responses in adolescents with aggressive conduct disorder: a functional MRI investigation. *Biological Psychology*, *80*(2), 203–211. <https://doi.org/10.1016/j.biopsycho.2008.09.004>
- Dedovic, K., Renwick, R., Mahani, N. K., Engert, V., Lupien, S. J., & Pruessner, J. C. (2005). The Montreal Imaging Stress Task: using functional imaging to investigate the effects of perceiving and processing psychosocial stress in the human brain. *Journal of Psychiatry & Neuroscience: JPN*, *30*(5), 319–325. <https://www.ncbi.nlm.nih.gov/pubmed/16151536>
- Dedovic, K., Rexroth, M., Wolff, E., Duchesne, A., Scherling, C., Beaudry, T., Lue, S. D., Lord, C., Engert, V., & Pruessner, J. C. (2009). Neural correlates of processing stressful information: an event-related fMRI study. *Brain Research*, *1293*, 49–60. <https://doi.org/10.1016/j.brainres.2009.06.044>
- Del Giudice, M., Ellis, B. J., & Shirtcliff, E. A. (2011). The Adaptive Calibration Model of stress responsivity. *Neuroscience and Biobehavioral Reviews*, *35*(7), 1562–1592. <https://doi.org/10.1016/j.neubiorev.2010.11.007>
- Demkowicz, O., Richie, B., Ashworth, E., Tait, N., Miles, H., Panayiotou, M., Patalay, P., Burrell, K., & Deighton, J. (2021). *Mental health questionnaire research with children and young people in schools: Recommendations for good practice*. <http://researchonline.ljmu.ac.uk/id/eprint/14837/>
- Demkowicz, O., Ashworth, E., Mansfield, R., Stapley, E., Miles, H., Hayes, D., Burrell, K., Moore, A., & Deighton, J. (2020). Children and young people's experiences of completing mental health and wellbeing measures

- for research: learning from two school-based pilot projects. *Child and Adolescent Psychiatry and Mental Health*, 14(1).
<https://doi.org/10.1186/s13034-020-00341-7>
- Densley, J. A., & Peterson, J. K. (2017, October). *Gun Violence in America*. The Violence Project.
https://www.researchgate.net/profile/James_Densley/publication/320411328_Gun_Violence_in_America/links/59e3f88caca2724cbfe3b8e4/Gun-Violence-in-America.pdf
- Densley, J. A., & Peterson, J. K. (2019, September 1). Opinion: We analyzed 53 years of mass shooting data. Attacks aren't just increasing, they're getting deadlier. *Los Angeles Times*.
<https://www.latimes.com/opinion/story/2019-09-01/mass-shooting-data-odessa-midland-increase>
- DeWall, C. N., Twenge, J. M., Gitter, S. A., & Baumeister, R. F. (2009). It's the thought that counts: The role of hostile cognition in shaping aggressive responses to social exclusion. *Journal of Personality and Social Psychology*, 96(1), 45–59. <https://doi.org/10.1037/a0013196>
- Dhabhar, F. S. (2014). Effects of stress on immune function: the good, the bad, and the beautiful. *Immunologic Research*, 58(2–3), 193–210.
<https://doi.org/10.1007/s12026-014-8517-0>
- Dickerson, K. C., & Delgado, M. R. (2015). Contributions of the hippocampus to feedback learning. *Cognitive, Affective & Behavioral Neuroscience*, 15(4), 861–877. <https://doi.org/10.3758/s13415-015-0364-5>
- Dickerson, S. S., & Kemeny, M. E. (2004). Acute stressors and cortisol responses: a theoretical integration and synthesis of laboratory research. *Psychological Bulletin*, 130(3), 355–391. <https://doi.org/10.1037/0033-2909.130.3.355>
- Dillon, D. G., Holmes, A. J., Birk, J. L., Brooks, N., Lyons-Ruth, K., & Pizzagalli, D. A. (2009). Childhood adversity is associated with left basal ganglia dysfunction during reward anticipation in adulthood. *Biological Psychiatry*, 66(3), 206–213.
<https://doi.org/10.1016/j.biopsych.2009.02.019>
- Dimidjian, S., Hollon, S. D., Dobson, K. S., Schmaling, K. B., Kohlenberg, R. J., Addis, M. E., Gallop, R., McGlinchey, J. B., Markley, D. K., Gollan, J. K., Atkins, D. C., Dunner, D. L., & Jacobson, N. S. (2006). Randomized trial of behavioral activation, cognitive therapy, and antidepressant medication in the acute treatment of adults with major depression. *Journal of Consulting and Clinical Psychology*, 74(4), 658–670.
<https://doi.org/10.1037/0022-006X.74.4.658>
- Doan, S. N., & Evans, G. W. (2011). Maternal responsiveness moderates the relationship between allostatic load and working memory. *Development and Psychopathology*, 23(3), 873–880.
<https://doi.org/10.1017/S0954579411000368>

- Dodge, K. A., Bates, J. E., & Pettit, G. S. (1990). Mechanisms in the cycle of violence. *Science*, *250*(4988), 1678–1683. <https://doi.org/10.1126/science.2270481>
- Dong, M., Anda, R. F., Felitti, V. J., & Dube, S. R. (2004). The interrelatedness of multiple forms of childhood abuse, neglect, and household dysfunction. *Child Abuse & Neglect*. https://www.sciencedirect.com/science/article/pii/S0145213404001486?casa_token=RXJdwaxZ9ksAAAAA:OuGfNAuOyJOa1uAvYSR8mzgrG9DOxn1Llh-Cyb-594WOR84Kxq-uINJaFduQ5fIMMi8agbnvj0
- Doom, J. R., Seok, D., Narayan, A. J., & Fox, K. R. (2021). Adverse and benevolent childhood experiences predict mental health during the COVID-19 pandemic. *Adversity and Resilience Science*, *2*(3), 193–204. <https://doi.org/10.1007/s42844-021-00038-6>
- Dorsey, S., McLaughlin, K. A., Kerns, S. E. U., Harrison, J. P., Lambert, H. K., Briggs, E. C., Revillion Cox, J., & Amaya-Jackson, L. (2017). Evidence base update for psychosocial treatments for children and adolescents exposed to traumatic events. *Journal of Clinical Child and Adolescent Psychology*, *46*(3), 303–330. <https://doi.org/10.1080/15374416.2016.1220309>
- du Plessis, M. R., Smeekens, S., Cillessen, A. H. N., Whittle, S., & Güroğlu, B. (2019). Bullying the brain? Longitudinal links between childhood peer victimization, cortisol, and adolescent brain structure. *Frontiers in Psychology*, *9*. <https://doi.org/10.3389/fpsyg.2018.02706>
- Dunbar, R. I. M. (2018). The anatomy of friendship. *Trends in Cognitive Sciences*, *22*(1), 32–51. <https://doi.org/10.1016/j.tics.2017.10.004>
- Durlak, J. A., Weissberg, R. P., Dymnicki, A. B., Taylor, R. D., & Schellinger, K. B. (2011). The impact of enhancing students' social and emotional learning: a meta-analysis of school-based universal interventions. *Child Development*, *82*(1), 405–432. <https://doi.org/10.1111/j.1467-8624.2010.01564.x>
- Eckstrand, K. L., Flores, L. E., Jr, Cross, M., Silk, J. S., Allen, N. B., Healey, K. L., Marshal, M. P., & Forbes, E. E. (2019). Social and non-social reward processing and depressive symptoms among sexual minority adolescents. *Frontiers in Behavioral Neuroscience*, *13*, 209. <https://doi.org/10.3389/fnbeh.2019.00209>
- Eisenberger, N. I., Taylor, S. E., Gable, S. L., Hilmert, C. J., & Lieberman, M. D. (2007). Neural pathways link social support to attenuated neuroendocrine stress responses. *NeuroImage*, *35*(4), 1601–1612. <https://doi.org/10.1016/j.neuroimage.2007.01.038>
- Elgar, F. J., Waschbusch, D. A., Dadds, M. R., & Sigvaldason, N. (2007). Development and validation of a short form of the Alabama Parenting Questionnaire. *Journal of Child and Family Studies*, *16*(2), 243–259. <https://doi.org/10.1007/s10826-006-9082-5>

- Ellis, B. J., Figueredo, A. J., Brumbach, B. H., & Schlomer, G. L. (2009). Fundamental dimensions of environmental risk. *Human Nature*, *20*(2), 204–268. <https://doi.org/10.1007/s12110-009-9063-7>
- Ellis, W. E., Dumas, T. M., & Forbes, L. M. (2020). Physically isolated but socially connected: Psychological adjustment and stress among adolescents during the initial COVID-19 crisis. *Canadian Journal of Behavioural Science/Revue Canadienne Des Sciences Du Comportement*, *52*(3), 177. <https://psycnet.apa.org/journals/cbs/52/3/177/>
- Epel, E. S., Blackburn, E. H., Lin, J., Dhabhar, F. S., Adler, N. E., Morrow, J. D., & Cawthon, R. M. (2004). Accelerated telomere shortening in response to life stress. *Proceedings of the National Academy of Sciences of the United States of America*, *101*(49), 17312–17315. <https://doi.org/10.1073/pnas.0407162101>
- Ertem, I. O., Leventhal, J. M., & Dobbs, S. (2000). Intergenerational continuity of child physical abuse: how good is the evidence? *The Lancet*, *356*(9232), 814–819. [https://doi.org/10.1016/S0140-6736\(00\)02656-8](https://doi.org/10.1016/S0140-6736(00)02656-8)
- Ethridge, P., Sandre, A., Dirks, M. A., & Weinberg, A. (2018). Past-year relational victimization is associated with a blunted neural response to rewards in emerging adults. *Social Cognitive and Affective Neuroscience*, *13*(12), 1259–1267. <https://doi.org/10.1093/scan/nsy091>
- Etkin, A., & Wager, T. D. (2007). Functional neuroimaging of anxiety: a meta-analysis of emotional processing in PTSD, social anxiety disorder, and specific phobia. *The American Journal of Psychiatry*, *164*(10), 1476–1488. <https://doi.org/10.1176/appi.ajp.2007.07030504>
- European Commission. (2024, January 26). *Overview of the Dutch Education System*. <https://eurydice.eacea.ec.europa.eu/national-education-systems/netherlands/overview>
- Evans, G. W., & Kim, P. (2007). Childhood poverty and health: cumulative risk exposure and stress dysregulation: Cumulative risk exposure and stress dysregulation. *Psychological Science*, *18*(11), 953–957. <https://doi.org/10.1111/j.1467-9280.2007.02008.x>
- Evans, G. W., Li, D., & Whipple, S. S. (2013). Cumulative risk and child development. *Psychological Bulletin*, *139*(6), 1342–1396. <https://doi.org/10.1037/a0031808>
- Fadnes, L. T., Taube, A., & Tylleskär, T. (2009). How to identify information bias due to self-reporting in epidemiological research. *The Internet Journal of Epidemiology*, *7*(2), 28–38. https://www.researchgate.net/profile/Thorikild-Tylleskaer/publication/346631356_The_Internet_Journal_of_Epidemiology_How_to_identify_information_bias_due_to_self-reporting_in_epidemiological_research/links/5fca64a5a6fdcc697bdc1e3/The-Internet-Journal-of-Epidemiology-How-to-identify-information-bias-due-to-self-reporting-in-epidemiological-research.pdf

- Fales, C. L., Barch, D. M., Rundle, M. M., Mintun, M. A., Snyder, A. Z., Cohen, J. D., Mathews, J., & Sheline, Y. I. (2008). Altered emotional interference processing in affective and cognitive-control brain circuitry in major depression. *Biological Psychiatry*, 63(4), 377–384. <https://doi.org/10.1016/j.biopsych.2007.06.012>
- Fancourt, D., Steptoe, A., & Bu, F. (2021). Trajectories of anxiety and depressive symptoms during enforced isolation due to COVID-19 in England: a longitudinal observational study. *The Lancet. Psychiatry*, 8(2), 141–149. [https://doi.org/10.1016/S2215-0366\(20\)30482-X](https://doi.org/10.1016/S2215-0366(20)30482-X)
- Faul, F., Erdfelder, E., Lang, A.-G., & Buchner, A. (2007). G*Power 3: a flexible statistical power analysis program for the social, behavioral, and biomedical sciences. *Behavior Research Methods*, 39(2), 175–191. <https://doi.org/10.3758/bf03193146>
- 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. *American Journal of Preventive Medicine*, 14(4), 245–258. [https://doi.org/10.1016/s0749-3797\(98\)00017-8](https://doi.org/10.1016/s0749-3797(98)00017-8)
- Ferrey, A. E., Santascioy, N., McCrory, E. J., Thompson-Booth, C., Mayes, L. C., & Rutherford, H. J. V. (2016). Motivated Attention and Reward in Parenting. *Parenting, Science and Practice*, 16(4), 284–301. <https://doi.org/10.1080/15295192.2016.1184928>
- Fisher, H. L., Caspi, A., Moffitt, T. E., Wertz, J., Gray, R., Newbury, J., Ambler, A., Zavos, H., Danese, A., Mill, J., Odgers, C. L., Pariante, C., Wong, C. C. Y., & Arseneault, L. (2015). Measuring adolescents' exposure to victimization: The Environmental Risk (E-Risk) Longitudinal Twin Study. *Development and Psychopathology*, 27(4 Pt 2), 1399–1416. <https://doi.org/10.1017/S0954579415000838>
- Fitton, L., Yu, R., & Fazel, S. (2020). Childhood maltreatment and violent outcomes: A systematic review and meta-analysis of prospective studies. *Trauma, Violence & Abuse*, 21(4), 754–768. <https://doi.org/10.1177/1524838018795269>
- Fivush, R. (2011). The development of autobiographical memory. *Annual Review of Psychology*, 62, 559–582. <https://doi.org/10.1146/annurev.psych.121208.131702>
- Foulkes, L., & Blakemore, S.-J. (2018). Studying individual differences in human adolescent brain development. *Nature Neuroscience*, 21(3), 315–323. <https://doi.org/10.1038/s41593-018-0078-4>
- Foulkes, L., & Blakemore, S.-J. (2021). Individual differences in adolescent mental health during COVID-19: The importance of peer relationship quality. *Neuron*, 109(20), 3203–3205. <https://doi.org/10.1016/j.neuron.2021.07.027>

- Foulkes, L., Leung, J. T., Fuhrmann, D., Knoll, L. J., & Blakemore, S. (2018). Age differences in the prosocial influence effect. *Developmental Science*, 21(6). <https://doi.org/10.1111/desc.12666>
- Fox, J. (2006). TEACHER'S CORNER: Structural Equation Modeling with the sem Package in R. *Structural Equation Modeling: A Multidisciplinary Journal*, 13(3), 465–486. https://doi.org/10.1207/s15328007sem1303_7
- Fox, S. E., Levitt, P., & Nelson, C. A., 3rd. (2010). How the timing and quality of early experiences influence the development of brain architecture. *Child Development*, 81(1), 28–40. <https://doi.org/10.1111/j.1467-8624.2009.01380.x>
- Francis, E. R., Tsaligopoulou, A., Stock, S. E., Pingault, J.-B., & Baldwin, J. R. (2023). Subjective and objective experiences of childhood adversity: a meta-analysis of their agreement and relationships with psychopathology. *Journal of Child Psychology and Psychiatry, and Allied Disciplines*, 64(8), 1185–1199. <https://doi.org/10.1111/jcpp.13803>
- Frick, P. J. (1991). The Alabama parenting questionnaire. *Unpublished Rating Scale, Tuscaloosa, AL: University of Alabama*. <https://doi.org/10.1037/t58031-000>
- Fried, E. I., Eidhof, M. B., Palic, S., Costantini, G., Huisman-van Dijk, H. M., Bockting, C. L. H., Engelhard, I., Armour, C., Nielsen, A. B. S., & Karstoft, K.-I. (2018). Replicability and generalizability of posttraumatic stress disorder (PTSD) networks: A cross-cultural multisite study of PTSD symptoms in four trauma patient samples. *Clinical Psychological Science*, 6(3), 335–351. <https://doi.org/10.1177/2167702617745092>
- Fritz, J., de Graaff, A. M., Caisley, H., van Harmelen, A.-L., & Wilkinson, P. O. (2018). A Systematic Review of Amenable Resilience Factors That Moderate and/or Mediate the Relationship Between Childhood Adversity and Mental Health in Young People. *Frontiers in Psychiatry / Frontiers Research Foundation*, 9, 230. <https://doi.org/10.3389/fpsy.2018.00230>
- Fritz, J., Fried, E. I., Goodyer, I. M., Wilkinson, P. O., & van Harmelen, A.-L. (2018). A network model of resilience factors for adolescents with and without exposure to childhood adversity. *Scientific Reports*, 8(1), 15774. <https://doi.org/10.1038/s41598-018-34130-2>
- Fritz, J., Stochl, J., Goodyer, I. M., van Harmelen, A.-L., & Wilkinson, P. O. (2020). Embracing the positive: an examination of how well resilience factors at age 14 can predict distress at age 17. *Translational Psychiatry*, 10(1), 272. <https://doi.org/10.1038/s41398-020-00944-w>
- Fritz, J., Stretton, J., Askelund, A. D., Schweizer, S., Walsh, N. D., Elzinga, B. M., Goodyer, I. M., Wilkinson, P. O., & van Harmelen, A.-L. (2020). Mood and neural responses to social rejection do not seem to be altered in resilient adolescents with a history of adversity. *Development and*

- Psychopathology*, 32(2), 411–423.
<https://doi.org/10.1017/S0954579419000178>
- Gariépy, G., Honkaniemi, H., & Quesnel-Vallée, A. (2016). Social support and protection from depression: systematic review of current findings in Western countries. *The British Journal of Psychiatry*, 209(4), 284–293. <https://doi.org/10.1192/bjp.bp.115.169094>
- Gee, D. G., & Cohodes, E. M. (2021). Influences of caregiving on development: A sensitive period for biological embedding of predictability and safety cues. *Current Directions in Psychological Science*, 30(5), 376–383. <https://doi.org/10.1177/096372142111015673>
- Gee, D. G., Gabard-Durnam, L., Telzer, E. H., Humphreys, K. L., Goff, B., Shapiro, M., Flannery, J., Lumian, D. S., Fareri, D. S., Caldera, C., & Tottenham, N. (2014). Maternal buffering of human amygdala-prefrontal circuitry during childhood but not during adolescence. *Psychological Science*, 25(11), 2067–2078. <https://doi.org/10.1177/0956797614550878>
- Gerin, M. I., Viding, E., Pingault, J., Puetz, V. B., Knodt, A. R., Radtke, S. R., Brigidi, B. D., Swartz, J. R., Hariri, A. R., & McCrory, E. J. (2019). Heightened amygdala reactivity and increased stress generation predict internalizing symptoms in adults following childhood maltreatment. *Journal of Child Psychology and Psychiatry*, 60(7), 752–761. <https://doi.org/10.1111/jcpp.13041>
- Gershoff, E. T., Goodman, G. S., Miller-Perrin, C. L., Holden, G. W., Jackson, Y., & Kazdin, A. E. (2018). The strength of the causal evidence against physical punishment of children and its implications for parents, psychologists, and policymakers. *The American Psychologist*, 73(5), 626–638. <https://doi.org/10.1037/amp0000327>
- Ghai, S. (2021). It's time to reimagine sample diversity and retire the WEIRD dichotomy. *Nature Human Behaviour*, 5(8), 971–972. <https://doi.org/10.1038/s41562-021-01175-9>
- Gignac, G. E., & Szodorai, E. T. (2016). Effect size guidelines for individual differences researchers. *Personality and Individual Differences*, 102, 74–78. <https://doi.org/10.1016/j.paid.2016.06.069>
- Gilbert, R., Widom, C. S., Browne, K., Fergusson, D., Webb, E., & Janson, S. (2009). Burden and consequences of child maltreatment in high-income countries. *The Lancet*, 373(9657), 68–81. [https://doi.org/10.1016/S0140-6736\(08\)61706-7](https://doi.org/10.1016/S0140-6736(08)61706-7)
- Goddard, L., Dritschel, B., & Burton, A. (1996). Role of autobiographical memory in social problem solving and depression. *Journal of Abnormal Psychology*, 105(4), 609–616. <https://doi.org/10.1037/0021-843X.105.4.609>
- Goemans, A., Viding, E., & McCrory, E. (2023). Child maltreatment, peer victimization, and mental health: Neurocognitive perspectives on the

- cycle of victimization. *Trauma, Violence & Abuse*, 24(2), 530–548. <https://doi.org/10.1177/15248380211036393>
- Goff, B., Gee, D. G., Telzer, E. H., Humphreys, K. L., Gabard-Durnam, L., Flannery, J., & Tottenham, N. (2013). Reduced nucleus accumbens reactivity and adolescent depression following early-life stress. *Neuroscience*, 249, 129–138. <https://doi.org/10.1016/j.neuroscience.2012.12.010>
- Goldstein, D. S., & McEwen, B. (2002). Allostasis, homeostats, and the nature of stress. *Stress*, 5(1), 55–58. <https://doi.org/10.1080/102538902900012345>
- Goodyer, I. M., Croudace, T., Dunn, V., Herbert, J., & Jones, P. B. (2010). Cohort profile: risk patterns and processes for psychopathology emerging during adolescence: the ROOTS project. *International Journal of Epidemiology*, 39(2), 361–369. <https://doi.org/10.1093/ije/dyp173>
- Gotlib, I. H., Borchers, L. R., Chahal, R., Gifuni, A. J., Teresi, G. I., & Ho, T. C. (2020). Early life stress predicts depressive symptoms in adolescents during the COVID-19 pandemic: The mediating role of perceived stress. *Frontiers in Psychology*, 11, 603748. <https://doi.org/10.3389/fpsyg.2020.603748>
- Gotlib, I. H., & Joormann, J. (2010). Cognition and depression: current status and future directions. *Annual Review of Clinical Psychology*, 6(1), 285–312. <https://doi.org/10.1146/annurev.clinpsy.121208.131305>
- Green, J. G., 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. *Archives of General Psychiatry*, 67(2), 113–123. <https://doi.org/10.1001/archgenpsychiatry.2009.186>
- Grey, I., Arora, T., Thomas, J., Saneh, A., Tohme, P., & Abi-Habib, R. (2020). The role of perceived social support on depression and sleep during the COVID-19 pandemic. *Psychiatry Research*, 293, 113452. <https://doi.org/10.1016/j.psychres.2020.113452>
- Gruber, J., Prinstein, M. J., Clark, L. A., Rottenberg, J., Abramowitz, J. S., Albano, A. M., Aldao, A., Borelli, J. L., Chung, T., Davila, J., Forbes, E. E., Gee, D. G., Hall, G. C. N., Hallion, L. S., Hinshaw, S. P., Hofmann, S. G., Hollon, S. D., Joormann, J., Kazdin, A. E., ... Weinstock, L. M. (2021). Mental health and clinical psychological science in the time of COVID-19: Challenges, opportunities, and a call to action. *The American Psychologist*, 76(3), 409–426. <https://doi.org/10.1037/amp0000707>
- Grummitt, L. R., Kreski, N. T., Kim, S. G., Platt, J., Keyes, K. M., & McLaughlin, K. A. (2021). Association of childhood adversity with morbidity and mortality in US adults: A systematic review. *JAMA Pediatrics*, 175(12), 1269–1278. <https://doi.org/10.1001/jamapediatrics.2021.2320>

- Gu, H., Zhao, Q., Liu, J., Zhao, J., Ji, L., Chi, P., & Li, X. (2020). EEG oscillation evidences of altered resting-state brain activity in children orphaned by parental HIV/AIDS. *AIDS Care*, *32*(sup2), 177–182. <https://doi.org/10.1080/09540121.2020.1739211>
- Guidi, J., Lucente, M., Sonino, N., & Fava, G. A. (2021). Allostatic load and its impact on health: A systematic review. *Psychotherapy and Psychosomatics*, *90*(1), 11–27. <https://doi.org/10.1159/000510696>
- Gunnar, M. R. (2017). Social buffering of stress in development: A career perspective. *Perspectives on Psychological Science*, *12*(3), 355–373. <https://doi.org/10.1177/1745691616680612>
- Gunnar, M. R., Brodersen, L., Nachmias, M., Buss, K., & Rigatuso, J. (1996). Stress reactivity and attachment security. *Developmental Psychobiology*, *29*(3), 191–204. [https://doi.org/10.1002/\(SICI\)1098-2302\(199604\)29:3<191::AID-DEV1>3.0.CO;2-M](https://doi.org/10.1002/(SICI)1098-2302(199604)29:3<191::AID-DEV1>3.0.CO;2-M)
- Gunnar, M. R., DePasquale, C. E., Reid, B. M., Donzella, B., & Miller, B. S. (2019). Pubertal stress recalibration reverses the effects of early life stress in postinstitutionalized children. *Proceedings of the National Academy of Sciences of the United States of America*, *116*(48), 23984–23988. <https://doi.org/10.1073/pnas.1909699116>
- Gunnar, M. R., & Hostinar, C. E. (2015). The social buffering of the hypothalamic-pituitary-adrenocortical axis in humans: Developmental and experiential determinants. *Social Neuroscience*, *10*(5), 479–488. <https://doi.org/10.1080/17470919.2015.1070747>
- Gunnar, M. R., Hostinar, C. E., Sanchez, M. M., Tottenham, N., & Sullivan, R. M. (2015). Parental buffering of fear and stress neurobiology: Reviewing parallels across rodent, monkey, and human models. *Social Neuroscience*, *10*(5), 474–478. <https://doi.org/10.1080/17470919.2015.1070198>
- Gunnar, M. R., & Quevedo, K. (2007). The neurobiology of stress and development. *Annual Review of Psychology*, *58*, 145–173. <https://doi.org/10.1146/annurev.psych.58.110405.085605>
- Guo, J., Fu, M., Liu, D., Zhang, B., Wang, X., & van IJzendoorn, M. H. (2020). Is the psychological impact of exposure to COVID-19 stronger in adolescents with pre-pandemic maltreatment experiences? A survey of rural Chinese adolescents. *Child Abuse & Neglect*, *110*(Pt 2), 104667. <https://doi.org/10.1016/j.chiabu.2020.104667>
- Güroğlu, B. (2022). The power of friendship: The developmental significance of friendships from a neuroscience perspective. *Child Development Perspectives*. <https://doi.org/10.1111/cdep.12450>
- Güroğlu, B., Haselager, G. J. T., van Lieshout, C. F. M., Takashima, A., Rijpkema, M., & Fernández, G. (2008). Why are friends special? Implementing a social interaction simulation task to probe the neural correlates of

- friendship. *NeuroImage*, 39(2), 903–910.
<https://doi.org/10.1016/j.neuroimage.2007.09.007>
- Guyer, A. E., Kaufman, J., Hodgdon, H. B., Masten, C. L., Jazbec, S., Pine, D. S., & Ernst, M. (2006). Behavioral alterations in reward system function: the role of childhood maltreatment and psychopathology. *Journal of the American Academy of Child and Adolescent Psychiatry*, 45(9), 1059–1067. <https://doi.org/10.1097/01.chi.0000227882.50404.11>
- Haber, M. G., Cohen, J. L., Lucas, T., & Baltes, B. B. (2007). The relationship between self-reported received and perceived social support: a meta-analytic review. *American Journal of Community Psychology*, 39(1–2), 133–144. <https://doi.org/10.1007/s10464-007-9100-9>
- Hale, T., Angrist, N., Goldszmidt, R., Kira, B., Petherick, A., Phillips, T., Webster, S., Cameron-Blake, E., Hallas, L., Majumdar, S., & Tatlow, H. (2021). A global panel database of pandemic policies (Oxford COVID-19 Government Response Tracker). *Nature Human Behaviour*, 5(4), 529–538. <https://doi.org/10.1038/s41562-021-01079-8>
- Hallford, D. J., Rusanov, D., Yeow, J. J. E., & Barry, T. J. (2022). Reduced specificity and increased overgenerality of autobiographical memory persist as cognitive vulnerabilities in remitted major depression: A meta-analysis. *Clinical Psychology & Psychotherapy*, 29(5), 1515–1529. <https://doi.org/10.1002/cpp.2786>
- Hammen, C. (2015). Stress and depression: old questions, new approaches. *Current Opinion in Psychology*, 4, 80–85. <https://doi.org/10.1016/j.copsyc.2014.12.024>
- Hammen, C., Henry, R., & Daley, S. E. (2000). Depression and sensitization to stressors among young women as a function of childhood adversity. *Journal of Consulting and Clinical Psychology*, 68(5), 782–787. <https://doi.org/10.1037//0022-006X.68.5.782>
- Hampshire, A., Hellyer, P. J., Soreq, E., Mehta, M. A., Ioannidis, K., Trender, W., Grant, J. E., & Chamberlain, S. R. (2021). Associations between dimensions of behaviour, personality traits, and mental-health during the COVID-19 pandemic in the United Kingdom. *Nature Communications*, 12(1), 4111. <https://doi.org/10.1038/s41467-021-24365-5>
- Handley, E. D., Russotti, J., Rogosch, F. A., & Cicchetti, D. (2019). Developmental cascades from child maltreatment to negative friend and romantic interactions in emerging adulthood. *Development and Psychopathology*, 31(5), 1649–1659. <https://doi.org/10.1017/S095457941900124X>
- Hanson, J. L., Hariri, A. R., & Williamson, D. E. (2015). Blunted ventral striatum development in adolescence reflects emotional neglect and predicts depressive symptoms. *Biological Psychiatry*, 78(9), 598–605. <https://doi.org/10.1016/j.biopsych.2015.05.010>
- Hanson, J. L., Nacewicz, B. M., Sutterer, M. J., Cayo, A. A., Schaefer, S. M., Rudolph, K. D., Shirtcliff, E. A., Pollak, S. D., & Davidson, R. J. (2015).

- Behavioral problems after early life stress: contributions of the hippocampus and amygdala. *Biological Psychiatry*, 77(4), 314–323. <https://doi.org/10.1016/j.biopsych.2014.04.020>
- Hart, S. N., Binggeli, N. J., & Brassard, M. R. (1997). Evidence for the effects of psychological maltreatment. *Journal of Emotional Abuse*, 1(1), 27–58. https://doi.org/10.1300/J135v01n01_03
- Hartup, W. W., & Stevens, N. (1997). Friendships and adaptation in the life course. *Psychological Bulletin*, 121(3), 355–370. <https://doi.org/10.1037/0033-2909.121.3.355>
- Hawes, M. T., Szenczy, A. K., Klein, D. N., Hajcak, G., & Nelson, B. D. (2022). Increases in depression and anxiety symptoms in adolescents and young adults during the COVID-19 pandemic. *Psychological Medicine*, 52(14), 3222–3230. <https://doi.org/10.1017/S0033291720005358>
- Hein, T. C., & Monk, C. S. (2017). Neural response to threat in children, adolescents, and adults after child maltreatment - a quantitative meta-analysis. *Journal of Child Psychology and Psychiatry, and Allied Disciplines*, 58(3), 222–230. <https://doi.org/10.1111/jcpp.12651>
- Hennessy, M. B., Kaiser, S., & Sachser, N. (2009). Social buffering of the stress response: diversity, mechanisms, and functions. *Frontiers in Neuroendocrinology*, 30(4), 470–482. <https://doi.org/10.1016/j.yfrne.2009.06.001>
- Herd, T., Li, M., Maciejewski, D., Lee, J., Deater-Deckard, K., King-Casas, B., & Kim-Spoon, J. (2018). Inhibitory control mediates the association between perceived stress and secure relationship quality. *Frontiers in Psychology*, 9. <https://doi.org/10.3389/fpsyg.2018.00217>
- Herman-Stahl, M., & Petersen, A. C. (1996). The protective role of coping and social resources for depressive symptoms among young adolescents. *Journal of Youth and Adolescence*, 25(6), 733–753. <https://doi.org/10.1007/bf01537451>
- Hertzman, C. (2012). Putting the concept of biological embedding in historical perspective. *Proceedings of the National Academy of Sciences of the United States of America*, 109 Suppl 2(supplement_2), 17160–17167. <https://doi.org/10.1073/pnas.1202203109>
- Hertzog, C., Lindenberger, U., Ghisletta, P., & Oertzen, T. von. (2006). On the power of multivariate latent growth curve models to detect correlated change. *Psychological Methods*, 11(3), 244–252. <https://doi.org/10.1037/1082-989X.11.3.244>
- Heuer, K., Rinck, M., & Becker, E. S. (2007). Avoidance of emotional facial expressions in social anxiety: The Approach-Avoidance Task. *Behaviour Research and Therapy*, 45(12), 2990–3001. <https://doi.org/10.1016/j.brat.2007.08.010>
- Hitchcock, C., Rodrigues, E., Rees, C., Gormley, S., Dritschel, B., & Dalgleish, T. (2019). Misremembrance of things past: Depression is associated with

- difficulties in the recollection of both specific and categoric autobiographical memories. *Clinical Psychological Science*, 7(4), 693–700. <https://doi.org/10.1177/2167702619826967>
- Hitchcock, C., Rudokaite, J., Haag, C., Patel, S. D., Smith, A. J., Kuhn, I., Jermann, F., Ma, S. H., Kuyken, W., Williams, J. M., Watkins, E., Bockting, C. L. H., Crane, C., Fisher, D., & Dalgleish, T. (2022). Autobiographical memory style and clinical outcomes following mindfulness-based cognitive therapy (MBCT): An individual patient data meta-analysis. *Behaviour Research and Therapy*, 151, 104048. <https://doi.org/10.1016/j.brat.2022.104048>
- Hoffman, E. A., Clark, D. B., Orendain, N., Hudziak, J., Squeglia, L. M., & Dowling, G. J. (2019). Stress exposures, neurodevelopment and health measures in the ABCD study. *Neurobiology of Stress*, 10. <https://doi.org/10.1016/j.ynstr.2019.100157>
- Hollon, N. G., Burgeno, L. M., & Phillips, P. E. M. (2015). Stress effects on the neural substrates of motivated behavior. *Nature Neuroscience*, 18(10), 1405–1412. <https://doi.org/10.1038/nn.4114>
- Holmes, C., Owens, M., Beach, S. R. H., McCormick, M., Hallowell, E., Clark, U. S., Barton, A. W., Brody, G. H., MacKillop, J., & Sweet, L. H. (2020). Peer influence, frontostriatal connectivity, and delay discounting in African American emerging adults. *Brain Imaging and Behavior*, 14(1), 155–163. <https://doi.org/10.1007/s11682-018-9977-y>
- Horan, J. M., & Widom, C. S. (2015). From childhood maltreatment to allostatic load in adulthood: The role of social support. *Child Maltreatment*, 20(4), 229–239. <https://doi.org/10.1177/1077559515597063>
- Hostinar, C. E., Johnson, A. E., & Gunnar, M. R. (2015). Parent support is less effective in buffering cortisol stress reactivity for adolescents compared to children. *Developmental Science*, 18(2), 281–297. <https://doi.org/10.1111/desc.12195>
- Hostinar, C. E., Sullivan, R. M., & Gunnar, M. R. (2014a). Psychobiological mechanisms underlying the social buffering of the hypothalamic-pituitary-adrenocortical axis: a review of animal models and human studies across development. *Psychological Bulletin*, 140(1), 256–282. <https://doi.org/10.1037/a0032671>
- Hostinar, C. E., Sullivan, R. M., & Gunnar, M. R. (2014b). Psychobiological mechanisms underlying the social buffering of the hypothalamic-pituitary-adrenocortical axis: A review of animal models and human studies across development. *Psychological Bulletin*, 140(1), 256–282. <https://doi.org/10.1037/a0032671>
- Houghton, S., Kyron, M., Hunter, S. C., Lawrence, D., Hattie, J., Carroll, A., & Zadow, C. (2022). Adolescents' longitudinal trajectories of mental health and loneliness: The impact of COVID-19 school closures. *Journal of Adolescence*, 94(2), 191–205. <https://doi.org/10.1002/jad.12017>

- Huang, H., Hong, J. S., & Espelage, D. L. (2013). Understanding factors associated with bullying and peer victimization in Chinese schools within ecological contexts. *Journal of Child and Family Studies*, 22(7), 881–892. <https://doi.org/10.1007/s10826-012-9647-4>
- Hughes, K., Bellis, M. A., Hardcastle, K. A., Sethi, D., Butchart, A., Mikton, C., Jones, L., & Dunne, M. P. (2017). The effect of multiple adverse childhood experiences on health: a systematic review and meta-analysis. *The Lancet. Public Health*, 2(8), e356–e366. [https://doi.org/10.1016/S2468-2667\(17\)30118-4](https://doi.org/10.1016/S2468-2667(17)30118-4)
- Hughes, K., Ford, K., Bellis, M. A., Glendinning, F., Harrison, E., & Passmore, J. (2021). Health and financial costs of adverse childhood experiences in 28 European countries: a systematic review and meta-analysis. *The Lancet. Public Health*, 6(11), e848–e857. [https://doi.org/10.1016/S2468-2667\(21\)00232-2](https://doi.org/10.1016/S2468-2667(21)00232-2)
- Hughes, S., Jaremka, L. M., Alfano, C. M., Glaser, R., Povoski, S. P., Lipari, A. M., Agnese, D. M., Farrar, W. B., Yee, L. D., Carson, W. E., 3rd, Malarkey, W. B., & Kiecolt-Glaser, J. K. (2014). Social support predicts inflammation, pain, and depressive symptoms: longitudinal relationships among breast cancer survivors. *Psychoneuroendocrinology*, 42, 38–44. <https://doi.org/10.1016/j.psyneuen.2013.12.016>
- Humphreys, K. L., Kircanski, K., Colich, N. L., & Gotlib, I. H. (2016). Attentional avoidance of fearful facial expressions following early life stress is associated with impaired social functioning. *Journal of Child Psychology and Psychiatry, and Allied Disciplines*, 57(10), 1174–1182. <https://doi.org/10.1111/jcpp.12607>
- Humphreys, K. L., LeMoult, J., Wear, J. G., Piersiak, H. A., Lee, A., & Gotlib, I. H. (2020). Child maltreatment and depression: A meta-analysis of studies using the Childhood Trauma Questionnaire. *Child Abuse & Neglect*, 102(104361), 104361. <https://doi.org/10.1016/j.chiabu.2020.104361>
- Humphreys, K. L., & Zeanah, C. H. (2015). Deviations from the expectable environment in early childhood and emerging psychopathology. *Neuropsychopharmacology*, 40(1), 154–170. <https://doi.org/10.1038/npp.2014.165>
- Hyde, L. W., Gorka, A., Manuck, S. B., & Hariri, A. R. (2011). Perceived social support moderates the link between threat-related amygdala reactivity and trait anxiety. *Neuropsychologia*, 49(4), 651–656. <https://doi.org/10.1016/j.neuropsychologia.2010.08.025>
- Iacobucci, D., Schneider, M. J., Popovich, D. L., & Bakamitsos, G. A. (2016). Mean centering helps alleviate “micro” but not “macro” multicollinearity. *Behavior Research Methods*, 48(4), 1308–1317. <https://doi.org/10.3758/s13428-015-0624-x>
- Institute for Government. (2022). *Timeline of UK government coronavirus lockdowns and restrictions.*

- <https://www.instituteforgovernment.org.uk/sites/default/files/2022-12/timeline-coronavirus-lockdown-december-2021.pdf>
- Ioannidis, K., Askelund, A. D., Kievit, R. A., & van Harmelen, A.-L. (2020). The complex neurobiology of resilient functioning after childhood maltreatment. *BMC Medicine*, *18*(1), 32. <https://doi.org/10.1186/s12916-020-1490-7>
- Ioannidis, K., Hook, R. W., Wiedemann, A., Bhatti, J., Czabanowska, K., Roman-Urrestarazu, A., Grant, J. E., Goodyer, I. M., Fonagy, P., Bullmore, E. T., Jones, P. B., & Chamberlain, S. R. (2022). Associations between COVID-19 pandemic impact, dimensions of behavior and eating disorders: A longitudinal UK-based study. *Comprehensive Psychiatry*, *115*, 152304. <https://doi.org/10.1016/j.comppsy.2022.152304>
- Ireland, T. O., Smith, C. A., & Thornberry, T. P. (2002). Developmental issues in the impact of child maltreatment on later delinquency and drug use. *Criminology; an Interdisciplinary Journal*, *40*(2), 359–400. <https://doi.org/10.1111/j.1745-9125.2002.tb00960.x>
- Irwin, L. M., Skowronski, J. J., Crouch, J. L., Milner, J. S., & Zengel, B. (2014). Reactions to children's transgressions in at-risk caregivers: does mitigating information, type of transgression, or caregiver directive matter? *Child Abuse & Neglect*, *38*(5), 917–927. <https://doi.org/10.1016/j.chiabu.2013.08.017>
- Jaffee, S. R. (2017). Child maltreatment and risk for psychopathology in childhood and adulthood. *Annual Review of Clinical Psychology*, *13*, 525–551. <https://doi.org/10.1146/annurev-clinpsy-032816-045005>
- Jarcho, J. M., Grossman, H. Y., Guyer, A. E., Quarmley, M., Smith, A. R., Fox, N. A., Leibenluft, E., Pines, D. S., & Nelson, E. E. (2019). Connecting childhood wariness to adolescent social anxiety through the brain and peer experiences. *Journal of Abnormal Child Psychology*, *47*(7), 1153–1164. <https://doi.org/10.1007/s10802-019-00543-4>
- Jonson-Reid, M. (1998). Youth violence and exposure to violence in childhood: An ecological review. *Aggression and Violent Behavior*, *3*(2), 159–179. [https://doi.org/10.1016/S1359-1789\(97\)00009-8](https://doi.org/10.1016/S1359-1789(97)00009-8)
- Jordan, P. J., & Troth, A. C. (2020). Common method bias in applied settings: The dilemma of researching in organizations. *Australian Journal of Management*, *45*(1), 3–14. <https://doi.org/10.1177/0312896219871976>
- Juvonen, J., Lessard, L. M., Kline, N. G., & Graham, S. (2022). Young adult adaptability to the social challenges of the COVID-19 pandemic: The protective role of friendships. *Journal of Youth and Adolescence*, *51*(3), 585–597. <https://doi.org/10.1007/s10964-022-01573-w>
- Kaiser, H. F. (1974). An index of factorial simplicity. *Psychometrika*, *39*(1), 31–36. <https://doi.org/10.1007/bf02291575>
- Kalia, V., Knauff, K., & Hayatbini, N. (2020). Cognitive flexibility and perceived threat from COVID-19 mediate the relationship between childhood

- maltreatment and state anxiety. *PloS One*, *15*(12), e0243881. <https://doi.org/10.1371/journal.pone.0243881>
- Kalisch, R., Baker, D. G., Basten, U., Boks, M. P., Bonanno, G. A., Brummelman, E., Chmitorz, A., Fernández, G., Fiebach, C. J., Galatzer-Levy, I., Geuze, E., Groppa, S., Helmreich, I., Hendler, T., Hermans, E. J., Jovanovic, T., Kubiak, T., Lieb, K., Lutz, B., ... Kleim, B. (2017). The resilience framework as a strategy to combat stress-related disorders. *Nature Human Behaviour*, *1*(11), 784–790. <https://doi.org/10.1038/s41562-017-0200-8>
- Kalisch, R., Cramer, A. O. J., Binder, H., Fritz, J., Leertouwer, I., Lunansky, G., Meyer, B., Timmer, J., Veer, I. M., & van Harmelen, A.-L. (2019). Deconstructing and reconstructing resilience: A dynamic network approach. *Perspectives on Psychological Science*, *14*(5), 765–777. <https://doi.org/10.1177/1745691619855637>
- Kassambara, A. (2023). *Pipe-Friendly Framework for Basic Statistical Tests* (0.7.2) [Computer software]. <https://cran.r-project.org/web/packages/rstatix/rstatix.pdf>
- Kaufman, J., & Zigler, E. (1987). Do abused children become abusive parents? *The American Journal of Orthopsychiatry*, *57*(2), 186–192. <https://doi.org/10.1111/j.1939-0025.1987.tb03528.x>
- Kauhanen, L., Wan Mohd Yunus, W. M. A., Lempinen, L., Peltonen, K., Gyllenberg, D., Mishina, K., Gilbert, S., Bastola, K., Brown, J. S. L., & Sourander, A. (2023). A systematic review of the mental health changes of children and young people before and during the COVID-19 pandemic. *European Child & Adolescent Psychiatry*, *32*(6), 995–1013. <https://doi.org/10.1007/s00787-022-02060-0>
- Ke, T., De Simoni, S., Barker, E., & Smith, P. (2022). The association between peer-victimisation and structural and functional brain outcomes: A systematic review. *JCPP Advances*, *2*(2), e12081. <https://doi.org/10.1002/jcv2.12081>
- Kelly, P. A., Viding, E., Puetz, V. B., Palmer, A. L., Mechelli, A., Pingault, J.-B., Samuel, S., & McCrory, E. J. (2015). Sex differences in socioemotional functioning, attentional bias, and gray matter volume in maltreated children: A multilevel investigation. *Development and Psychopathology*, *27*(4 Pt 2), 1591–1609. <https://doi.org/10.1017/S0954579415000966>
- Kendrick, K., Jutengren, G., & Stattin, H. (2012). The protective role of supportive friends against bullying perpetration and victimization. *Journal of Adolescence*. <https://doi.org/10.1016/j.adolescence.2012.02.014>
- Kensinger, E. A., Choi, H.-Y., Murray, B. D., & Rajaram, S. (2016). How social interactions affect emotional memory accuracy: Evidence from collaborative retrieval and social contagion paradigms. *Memory & Cognition*, *44*(5), 706–716. <https://doi.org/10.3758/s13421-016-0597-8>

- Kessler, R. C., Aguilar-Gaxiola, S., Alonso, J., Chatterji, S., Lee, S., Ormel, J., Ustün, T. B., & Wang, P. S. (2009). The global burden of mental disorders: an update from the WHO World Mental Health (WMH) surveys. *Epidemiologia e Psichiatria Sociale*, 18(1), 23–33. <https://doi.org/10.1017/s1121189x00001421>
- Kessler, R. C., Andrews, G., Colpe, L. J., Hiripi, E., Mroczek, D. K., Normand, S. L. T., Walters, E. E., & Zaslavsky, A. M. (2002). Short screening scales to monitor population prevalences and trends in non-specific psychological distress. *Psychological Medicine*, 32(6), 959–976. <https://doi.org/10.1017/s0033291702006074>
- Kessler, R. C., McLaughlin, K. A., Green, J. G., Gruber, M. J., Sampson, N. A., Zaslavsky, A. M., Aguilar-Gaxiola, S., Alhamzawi, A. O., Alonso, J., Angermeyer, M., Benjet, C., Bromet, E., Chatterji, S., de Girolamo, G., Demyttenaere, K., Fayyad, J., Florescu, S., Gal, G., Gureje, O., ... Williams, D. R. (2010). Childhood adversities and adult psychopathology in the WHO World Mental Health Surveys. *The British Journal of Psychiatry: The Journal of Mental Science*, 197(5), 378–385. <https://doi.org/10.1192/bjp.bp.110.080499>
- Kiddle, B., Inkster, B., Prabhu, G., Moutoussis, M., Whitaker, K. J., Bullmore, E. T., Dolan, R. J., Fonagy, P., Goodyer, I. M., & Jones, P. B. (2018). The NSPN 2400 Cohort: a developmental sample supporting the Wellcome Trust Neuroscience in Psychiatry Network. *International Journal of Epidemiology*, 47(1), 18–19g. <https://doi.org/10.1093/ije/dyx117>
- Kiefer, M., Sim, E.-J., Heil, S., Brown, R., Herrnberger, B., Spitzer, M., & Grön, G. (2021). Neural signatures of bullying experience and social rejection in teenagers. *PloS One*, 16(8), e0255681. <https://doi.org/10.1371/journal.pone.0255681>
- Kievit, R. A., Brandmaier, A. M., Ziegler, G., van Harmelen, A.-L., de Mooij, S. M. M., Moutoussis, M., Goodyer, I. M., Bullmore, E., Jones, P. B., Fonagy, P., NSPN Consortium, Lindenberger, U., & Dolan, R. J. (2018). Developmental cognitive neuroscience using latent change score models: A tutorial and applications. *Developmental Cognitive Neuroscience*, 33, 99–117. <https://doi.org/10.1016/j.dcn.2017.11.007>
- Kievit, R. A., McCormick, E. M., Fuhrmann, D., Deserno, M. K., & Orben, A. (2022). Using large, publicly available data sets to study adolescent development: opportunities and challenges. *Current Opinion in Psychology*, 44, 303–308. <https://doi.org/10.1016/j.copsyc.2021.10.003>
- Kim, J., & Cicchetti, D. (2009). Longitudinal pathways linking child maltreatment, emotion regulation, peer relations, and psychopathology. *Journal of Child Psychology and Psychiatry, and Allied Disciplines*, 51(6), 706–716. <https://doi.org/10.1111/j.1469-7610.2009.02202.x>

- Kim, K., Mennen, F. E., & Trickett, P. K. (2017). Patterns and correlates of co-occurrence among multiple types of child maltreatment. *Child Fam. Soc. Work, 22*(1), 492–502. <https://doi.org/10.1111/cfs.12268>
- Kim, K., Noll, J. G., Putnam, F. W., & Trickett, P. K. (2007). Psychosocial characteristics of nonoffending mothers of sexually abused girls: findings from a prospective, multigenerational study. *Child Maltreatment, 12*(4), 338–351. <https://doi.org/10.1177/1077559507305997>
- Klomek, A. B., Kopelman-Rubin, D., Al-Yagon, M., Berkowitz, R., Apter, A., & Mikulincer, M. (2016). Victimization by bullying and attachment to parents and teachers among student who report learning disorders and/or attention deficit hyperactivity disorder. *Learning Disability Quarterly, 39*(3), 182–190. <https://doi.org/10.1177/0731948715616377>
- Knight, E. L., Jiang, Y., Rodriguez-Stanley, J., Almeida, D. M., Engeland, C. G., & Zilioli, S. (2021). Perceived stress is linked to heightened biomarkers of inflammation via diurnal cortisol in a national sample of adults. *Brain, Behavior, and Immunity, 93*, 206–213. <https://doi.org/10.1016/j.bbi.2021.01.015>
- Kohen, D. E., Leventhal, T., Dahinten, V. S., & McIntosh, C. N. (2008). Neighborhood disadvantage: pathways of effects for young children. *Child Development, 79*(1), 156–169. <https://doi.org/10.1111/j.1467-8624.2007.01117.x>
- König, M., Berhe, O., Ioannidis, K., Orellana, S., Davidson, E., Kaser, M., Moreno-López, L., & van Harmelen, A.-L. (2023). The stress-buffering role of friendships in young people with childhood threat experiences: a preliminary report. *European Journal of Psychotraumatology, 14*(2), 2281971. <https://doi.org/10.1080/20008066.2023.2281971>
- König, M., Buimer, E., Wessels, P., Quist, R., Verspeelt, E., Rius-Ottenheim, N., van der Wee, N., van der Werff, S., Bos, P., Liem, M., Peris, T. S., Hitchcock, C., Will, G.-J., & van Harmelen, A.-L. (2025). Friendship buffering and autobiographical memory specificity in young people with childhood adversity. *PsyArXiv*. <https://doi.org/10.31234/osf.io/q4pjw>
- König, M., Smith, A. J., Moreno-López, L., Davidson, E., Dauvermann, M., Orellana, S., McCormick, E. M., Peris, T. S., Kaser, M., Ioannidis, K., & van Harmelen, A.-L. (2025). Friendship buffering effects on mental health symptoms before and during the COVID-19 pandemic: A UK longitudinal study of young people with childhood adversity. *Development and Psychopathology, 1-16*. <https://doi.org/10.1017/S0954579424001986>
- Kratcoski, P. C., & Kratcoski, L. D. (1982). The relationship of victimization through child abuse to aggressive delinquent behavior. *Victimology, 7*(1), 199–203. <https://psycnet.apa.org/fulltext/1984-17996-001.pdf>

- Kroenke, K., Spitzer, R. L., & Williams, J. B. (2001). The PHQ-9: validity of a brief depression severity measure. *Journal of General Internal Medicine*, *16*(9), 606–613. <https://doi.org/10.1046/j.1525-1497.2001.016009606.x>
- Kumar, P., Pisoni, A., Bondy, E., Kremens, R., Singleton, P., Pizzagalli, D. A., & Auerbach, R. P. (2019). Delineating the social valuation network in adolescents. *Social Cognitive and Affective Neuroscience*, *14*(11), 1159–1166. <https://doi.org/10.1093/scan/nsz086>
- Kumle, L., Vö, M. L.-H., & Draschkow, D. (2021). Estimating power in (generalized) linear mixed models: An open introduction and tutorial in R. *Behavior Research Methods*, *53*(6), 2528–2543. <https://doi.org/10.3758/s13428-021-01546-0>
- Kungl, M. T., Bovenschen, I., & Spangler, G. (2017). Early adverse caregiving experiences and preschoolers' current attachment affect brain responses during facial familiarity processing: An ERP study. *Frontiers in Psychology*, *8*. <https://doi.org/10.3389/fpsyg.2017.02047>
- Kuyken, W., Howell, R., & Dalgleish, T. (2006). Overgeneral autobiographical memory in depressed adolescents with, versus without, a reported history of trauma. *Journal of Abnormal Psychology*, *115*(3), 387–396. <https://doi.org/10.1037/0021-843X.115.3.387>
- Kuznetsova, A., Brockhoff, P. B., & Christensen, R. H. B. (2017). lmerTest Package: Tests in Linear Mixed Effects Models. *Journal of Statistical Software*, *82*, 1–26. <https://doi.org/10.18637/jss.v082.i13>
- La Rocque, C. L., Harkness, K. L., & Bagby, R. M. (2014). The differential relation of childhood maltreatment to stress sensitization in adolescent and young adult depression. *Journal of Adolescence*, *37*(6), 871–882. <https://doi.org/10.1016/j.adolescence.2014.05.012>
- Labella, M. H., Johnson, W. F., Martin, J., Ruiz, S. K., Shankman, J. L., Englund, M. M., Collins, W. A., Roisman, G. I., & Simpson, J. A. (2018). Multiple dimensions of childhood abuse and neglect prospectively predict poorer adult romantic functioning. *Personality & Social Psychology Bulletin*, *44*(2), 238–251. <https://doi.org/10.1177/0146167217736049>
- Laceulle, O. M., Nederhof, E., van Aken, M. A. G., & Ormel, J. (2017). Adversity-driven changes in hypothalamic-pituitary-adrenal axis functioning during adolescence. The trails study. *Psychoneuroendocrinology*, *85*, 49–55. <https://doi.org/10.1016/j.psyneuen.2017.08.002>
- Lacey, R. E., & Minnis, H. (2020). Practitioner review: twenty years of research with adverse childhood experience scores—advantages, disadvantages and applications to practice. *Journal of Child Psychology and Psychiatry*, *61*(2), 116–130. <https://doi.org/10.1111/jcpp.13135>
- Ladouceur, C. D. (2020). COVID-19 adolescent symptom & psychological experience questionnaire. *Unpublished Manuscript*.
- Lagdon, S., Ross, J., Robinson, M., Contractor, A. A., Charak, R., & Armour, C. (2021). Assessing the mediating role of social support in childhood

- maltreatment and psychopathology among college students in Northern Ireland. *Journal of Interpersonal Violence*, 36(3–4), NP2112–2136NP. <https://doi.org/10.1177/0886260518755489>
- 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? *Journal of Abnormal Psychology*, 121(4), 971–977. <https://doi.org/10.1037/a0028355>
- Lam, C. B., McHale, S. M., & Crouter, A. C. (2014). Time with peers from middle childhood to late adolescence: developmental course and adjustment correlates. *Child Development*, 85(4), 1677–1693. <https://doi.org/10.1111/cdev.12235>
- Lapp, H. E., Ahmed, S., Moore, C. L., & Hunter, R. G. (2018). Toxic stress history and hypothalamic-pituitary-adrenal axis function in a social stress task: Genetic and epigenetic factors. *Neurotoxicology and Teratology*, 71, 41–49. <https://doi.org/10.1016/j.ntt.2018.01.011>
- Larivière-Bastien, D., Aubuchon, O., Blondin, A., Dupont, D., Libenstein, J., Séguin, F., Tremblay, A., Zarglayoun, H., Herba, C. M., & Beauchamp, M. H. (2022). Children’s perspectives on friendships and socialization during the COVID-19 pandemic: A qualitative approach. *Child: Care, Health and Development*, 48(6), 1017–1030. <https://doi.org/10.1111/cch.12998>
- Latkin, C. A., Edwards, C., Davey-Rothwell, M. A., & Tobin, K. E. (2017). The relationship between social desirability bias and self-reports of health, substance use, and social network factors among urban substance users in Baltimore, Maryland. *Addictive Behaviors*, 73, 133–136. <https://doi.org/10.1016/j.addbeh.2017.05.005>
- Lazarus, R. S., & Folkman, S. (1984). *Stress, Appraisal, and Coping*. Springer Publishing Company. <https://play.google.com/store/books/details?id=i-ySQQuUpr8C>
- Lee, C.-Y. S., & Goldstein, S. E. (2016). Loneliness, stress, and social support in young adulthood: Does the source of support matter? *Journal of Youth and Adolescence*, 45(3), 568–580. <https://doi.org/10.1007/s10964-015-0395-9>
- Lee, K. H., Yoo, J. H., Lee, J., Kim, S. H., Han, J. Y., Hong, S.-B., Shin, J., Cho, S.-C., Kim, J.-W., & Brent, D. A. (2020). The indirect effect of peer problems on adolescent depression through nucleus accumbens volume alteration. *Scientific Reports*, 10(1), 12870. <https://doi.org/10.1038/s41598-020-69769-3>
- Lee, V., & Hoaken, P. N. S. (2007). Cognition, emotion, and neurobiological development: mediating the relation between maltreatment and aggression. *Child Maltreatment*, 12(3), 281–298. <https://doi.org/10.1177/1077559507303778>

- Leicht-Deobald, U., Bruch, H., Bönke, L., Stevense, A., Fan, Y., Bajbouj, M., & Grimm, S. (2018). Work-related social support modulates effects of early life stress on limbic reactivity during stress. *Brain Imaging and Behavior*, *12*(5), 1405–1418. <https://doi.org/10.1007/s11682-017-9810-z>
- Leiden University. (2018, May). *ICLON Research Ethics Committee - Leiden University*. <https://www.organisatiegids.universiteitleiden.nl/en/faculties-and-institutes/iclon/committees/iclon-research-ethics-committee>
- Lemerise, E. A., & Arsenio, W. F. (2000). An integrated model of emotion processes and cognition in social information processing. *Child Development*, *71*(1), 107–118. <https://doi.org/10.1111/1467-8624.00124>
- Lewis, D. O., Shanok, S. S., Pincus, J. H., & Glaser, G. H. (1979). Violent juvenile delinquents: psychiatric, neurological, psychological, and abuse factors. *Journal of the American Academy of Child Psychiatry*, *18*(2), 307–319. [https://doi.org/10.1016/s0002-7138\(09\)61045-1](https://doi.org/10.1016/s0002-7138(09)61045-1)
- Lewis, S. J., Arseneault, L., Caspi, A., Fisher, H. L., Matthews, T., Moffitt, T. E., Odgers, C. L., Stahl, D., Teng, J. Y., & Danese, A. (2019). The epidemiology of trauma and post-traumatic stress disorder in a representative cohort of young people in England and Wales. *The Lancet. Psychiatry*, *6*(3), 247–256. [https://doi.org/10.1016/S2215-0366\(19\)30031-8](https://doi.org/10.1016/S2215-0366(19)30031-8)
- Lewis, S. J., Koenen, K. C., Ambler, A., Arseneault, L., Caspi, A., Fisher, H. L., Moffitt, T. E., & Danese, A. (2021). Unravelling the contribution of complex trauma to psychopathology and cognitive deficits: a cohort study. *The British Journal of Psychiatry*, *219*(2), 448–455. <https://doi.org/10.1192/bjp.2021.57>
- Leys, C., Ley, C., Klein, O., Bernard, P., & Licata, L. (2013). Detecting outliers: Do not use standard deviation around the mean, use absolute deviation around the median. *Journal of Experimental Social Psychology*, *49*(4), 764–766. <https://doi.org/10.1016/j.jesp.2013.03.013>
- Li, M., O'Donnell, K. J., Caron, J., Meaney, M. J., Kobor, M., D'Arcy, C., Su, Y., Liu, A., & Meng, X. (2022). To what extent do social support and coping strategies mediate the relation between childhood maltreatment and major depressive disorder: A longitudinal community-based cohort. *Development and Psychopathology*, 1–12. <https://doi.org/10.1017/S0954579422000918>
- Liberati, A., Altman, D. G., Tetzlaff, J., Mulrow, C., Gøtzsche, P. C., Ioannidis, J. P. A., Clarke, M., Devereaux, P. J., Kleijnen, J., & Moher, D. (2009). The PRISMA statement for reporting systematic reviews and meta-analyses of studies that evaluate healthcare interventions: explanation and elaboration. *BMJ*, *339*, b2700. <https://doi.org/10.1136/bmj.b2700>
- Liu, X., Li, L., Xiao, J., Yang, J., & Jiang, X. (2013). Abnormalities of autobiographical memory of patients with depressive disorders: a meta-

- analysis. *Psychology and Psychotherapy*, 86(4), 353–373. <https://doi.org/10.1111/j.2044-8341.2012.02077.x>
- Loth, E., Poline, J.-B., Thyreau, B., Jia, T., Tao, C., Lourdasamy, A., Stacey, D., Cattrell, A., Desrivières, S., Ruggeri, B., Fritsch, V., Banaschewski, T., Barker, G. J., Bokde, A. L. W., Büchel, C., Carvalho, F. M., Conrod, P. J., Fauth-Buehler, M., Flor, H., ... IMAGEN Consortium. (2014). Oxytocin receptor genotype modulates ventral striatal activity to social cues and response to stressful life events. *Biological Psychiatry*, 76(5), 367–376. <https://doi.org/10.1016/j.biopsych.2013.07.043>
- Lovallo, W. R. (2013). Early life adversity reduces stress reactivity and enhances impulsive behavior: implications for health behaviors. *International Journal of Psychophysiology*, 90(1), 8–16. <https://doi.org/10.1016/j.ijpsycho.2012.10.006>
- Lüdecke, D. (2023). *sjPlot: Data Visualization for Statistics in Social Science* (2.8.14) [Computer software]. <https://CRAN.R-project.org/package=sjPlot>
- Lüdecke, D., Ben-Shachar, M., Patil, I., & Makowski, D. (2020). Extracting, computing and exploring the parameters of statistical models using R. *Journal of Open Source Software*, 5(53), 2445. <https://doi.org/10.21105/joss.02445>
- Lupien, S. J., Ouellet-Morin, I., Herba, C. M., Juster, R., & McEwen, B. S. (2016). From vulnerability to neurotoxicity: A developmental approach to the effects of stress on the brain and behavior. In *Epigenetics and Neuroendocrinology*, Vol. 1, pp. 3–48. Springer International Publishing. https://doi.org/10.1007/978-3-319-24493-8_1
- Lupien, S. J., McEwen, B. S., Gunnar, M. R., & Heim, C. (2009). Effects of stress throughout the lifespan on the brain, behaviour and cognition. *Nature Reviews. Neuroscience*, 10(6), 434–445. <https://doi.org/10.1038/nrn2639>
- Lytle, M. C., Silenzio, V. M. B., Homan, C. M., Schneider, P., & Caine, E. D. (2017). Suicidal and help-seeking behaviors among youth in an online lesbian, gay, bisexual, transgender, queer, and questioning social network. *Journal of Homosexuality*, 65(13), 1–18. <https://doi.org/10.1080/00918369.2017.1391552>
- Maassen, G. H., & Bakker, A. B. (2001). Suppressor variables in path models: Definitions and interpretations. *Sociological Methods & Research*, 30(2), 241–270. <https://doi.org/10.1177/0049124101030002004>
- MacDonald, K., Thomas, M. L., MacDonald, T. M., & Sciolla, A. F. (2015). A perfect childhood? Clinical correlates of minimization and denial on the childhood trauma questionnaire. *Journal of Interpersonal Violence*, 30(6), 988–1009. <https://doi.org/10.1177/0886260514539761>
- MacDonald, K., Thomas, M. L., Sciolla, A. F., Schneider, B., Pappas, K., Bleijenberg, G., Bohus, M., Bekh, B., Carpenter, L., Carr, A., Dannlowski,

- U., Dorahy, M., Fahlke, C., Finzi-Dottan, R., Karu, T., Gerdner, A., Glaesmer, H., Grabe, H. J., Heins, M., ... Wingenfeld, K. (2016). Minimization of childhood maltreatment is common and consequential: Results from a large, multinational sample using the Childhood Trauma Questionnaire. *PLoS One*, *11*(1), e0146058. <https://doi.org/10.1371/journal.pone.0146058>
- Mackin, D. M., Kotov, R., Perlman, G., Nelson, B. D., Goldstein, B. L., Hajcak, G., & Klein, D. N. (2019). Reward processing and future life stress: Stress generation pathway to depression. *Journal of Abnormal Psychology*, *128*(4), 305–314. <https://doi.org/10.1037/abn0000427>
- Madigan, S., Cyr, C., Eirich, R., Fearon, R. M. P., Ly, A., Rash, C., Poole, J. C., & Alink, L. R. A. (2019). Testing the cycle of maltreatment hypothesis: Meta-analytic evidence of the intergenerational transmission of child maltreatment. *Development and Psychopathology*, *31*(1), 23–51. <https://doi.org/10.1017/S0954579418001700>
- Madigan, S., Deneault, A.-A., Racine, N., Park, J., Thiemann, R., Zhu, J., Dimitropoulos, G., Williamson, T., Fearon, P., Cénat, J. M., McDonald, S., Devereux, C., & Neville, R. D. (2023). Adverse childhood experiences: a meta-analysis of prevalence and moderators among half a million adults in 206 studies. *World Psychiatry*, *22*(3), 463–471. <https://doi.org/10.1002/wps.21122>
- Magson, N. R., Freeman, J. Y. A., Rapee, R. M., Richardson, C. E., Oar, E. L., & Fardouly, J. (2021). Risk and protective factors for prospective changes in adolescent mental health during the COVID-19 pandemic. *Journal of Youth and Adolescence*, *50*(1), 44–57. <https://doi.org/10.1007/s10964-020-01332-9>
- Majer, M., Nater, U. M., Lin, J.-M. S., Capuron, L., & Reeves, W. C. (2010). Association of childhood trauma with cognitive function in healthy adults: a pilot study. *BMC Neurology*, *10*, 61. <https://doi.org/10.1186/1471-2377-10-61>
- Maldjian, J. A., Laurienti, P. J., & Burdette, J. H. (2004). Precentral gyrus discrepancy in electronic versions of the Talairach atlas. *NeuroImage*, *21*(1), 450–455. <https://doi.org/10.1016/j.neuroimage.2003.09.032>
- Maldjian, J. A., Laurienti, P. J., Kraft, R. A., & Burdette, J. H. (2003). An automated method for neuroanatomic and cytoarchitectonic atlas-based interrogation of fMRI data sets. *NeuroImage*, *19*(3), 1233–1239. [https://doi.org/10.1016/s1053-8119\(03\)00169-1](https://doi.org/10.1016/s1053-8119(03)00169-1)
- Malhi, G. S., Das, P., Outhred, T., Dobson-Stone, C., Bell, E., Gessler, D., Bryant, R., & Mannie, Z. (2020). Interactions of OXTR rs53576 and emotional trauma on hippocampal volumes and perceived social support in adolescent girls. *Psychoneuroendocrinology*, *115*, 104635. <https://doi.org/10.1016/j.psychneuen.2020.104635>

- Malhi, G. S., Das, P., Outhred, T., Dobson-Stone, C., Irwin, L., Gessler, D., Bryant, R., & Mannie, Z. (2019). Effect of stress gene-by-environment interactions on hippocampal volumes and cortisol secretion in adolescent girls. *The Australian and New Zealand Journal of Psychiatry*, *53*(4), 316–325. <https://doi.org/10.1177/0004867419827649>
- Malvaso, C. G., Delfabbro, P. H., & Day, A. (2016). Risk factors that influence the maltreatment-offending association: A systematic review of prospective and longitudinal studies. *Aggression and Violent Behavior*, *31*, 1–15. <https://doi.org/10.1016/j.avb.2016.06.006>
- Manninen, S., Tuominen, L., Dunbar, R. I., Karjalainen, T., Hirvonen, J., Arponen, E., Hari, R., Jääskeläinen, I. P., Sams, M., & Nummenmaa, L. (2017). Social laughter triggers endogenous opioid release in humans. *The Journal of Neuroscience*, *37*(25), 6125–6131. <https://doi.org/10.1523/JNEUROSCI.0688-16.2017>
- Marini, S., Davis, K. A., Soare, T. W., Zhu, Y., Suderman, M. J., Simpkin, A. J., Smith, A. D. A. C., Wolf, E. J., Relton, C. L., & Dunn, E. C. (2020). Adversity exposure during sensitive periods predicts accelerated epigenetic aging in children. *Psychoneuroendocrinology*, *113*(104484), 104484. <https://doi.org/10.1016/j.psyneuen.2019.104484>
- Masten, A. S. (2014). Global perspectives on resilience in children and youth. *Child Development*, *85*(1), 6–20. <https://doi.org/10.1111/cdev.12205>
- Masten, A. S., Powell, J. L., & Luthar, S. S. (2003). A resilience framework for research, policy, and practice. *Resilience and Vulnerability: Adaptation in the Context of Childhood Adversities*, *1*(25), 153. <https://books.google.com/books?hl=en&lr=&id=HD45dNwFh-UC&oi=fnd&pg=PA1&dq=friendship+support+mental+health+young+peopel+childhood+adversity+&ots=PWRJbeR48Y&sig=XHTCHcDJR2x2UPT6Rcq4oNooZ8g>
- Masten, C. L., Eisenberger, N. I., Pfeifer, J. H., Colich, N. L., & Dapretto, M. (2013). Associations among pubertal development, empathic ability, and neural responses while witnessing peer rejection in adolescence. *Child Development*, *84*(4), 1338–1354. <https://doi.org/10.1111/cdev.12056>
- Masten, C. L., Eisenberger, N. I., Pfeifer, J. H., & Dapretto, M. (2010). Witnessing peer rejection during early adolescence: Neural correlates of empathy for experiences of social exclusion. *Social Neuroscience*, *5*(5–6), 496–507. <https://doi.org/10.1080/17470919.2010.490673>
- Masten, C. L., Eisenberger, N. I., Pfeifer, J. H., & Dapretto, M. (2013). Neural responses to witnessing peer rejection after being socially excluded: fMRI as a window into adolescents' emotional processing. *Developmental Science*, *16*(5), 743–759. <https://doi.org/10.1111/desc.12056>
- Masten, C. L., Telzer, E. H., Fuligni, A. J., Lieberman, M. D., & Eisenberger, N. I. (2012). Time spent with friends in adolescence relates to less neural

- sensitivity to later peer rejection. *Social Cognitive and Affective Neuroscience*, 7(1), 106–114. <https://doi.org/10.1093/scan/nsq098>
- Maurya, C., Muhammad, T., Dhillon, P., & Maurya, P. (2022). The effects of cyberbullying victimization on depression and suicidal ideation among adolescents and young adults: a three year cohort study from India. *BMC Psychiatry*, 22(1), 599. <https://doi.org/10.1186/s12888-022-04238-x>
- McCauley, E., Gudmundsen, G., Schloedt, K., Martell, C., Rhew, I., Hubley, S., & Dimidjian, S. (2016). The adolescent behavioral activation program: adapting behavioral activation as a treatment for depression in adolescence. *Journal of Clinical Child and Adolescent Psychology*, 45(3), 291–304. <https://doi.org/10.1080/15374416.2014.979933>
- McCrary, E. J., De Brito, S. A., Sebastian, C. L., Mechelli, A., Bird, G., Kelly, P. A., & Viding, E. (2011). Heightened neural reactivity to threat in child victims of family violence. *Current Biology*, 21(23), R947-8. <https://doi.org/10.1016/j.cub.2011.10.015>
- McCrary, E. J., Foulkes, L., & Viding, E. (2022). Social thinning and stress generation after childhood maltreatment: a neurocognitive social transactional model of psychiatric vulnerability. *The Lancet. Psychiatry*. [https://doi.org/10.1016/S2215-0366\(22\)00202-4](https://doi.org/10.1016/S2215-0366(22)00202-4)
- McCrary, E. J., Ogle, J. R., Gerin, M. I., & Viding, E. (2019). Neurocognitive adaptation and mental health vulnerability following maltreatment: The role of social functioning. *Child Maltreatment*, 24(4), 435–451. <https://doi.org/10.1177/1077559519830524>
- McCrary, E. J., Puetz, V. B., Maguire, E. A., Mechelli, A., Palmer, A., Gerin, M. I., Kelly, P. A., Koutoufa, I., & Viding, E. (2017). Autobiographical memory: A candidate latent vulnerability mechanism for psychiatric disorder following childhood maltreatment. *British Journal of Psychiatry*, 211(4), 216–222. <https://doi.org/10.1192/bjp.bp.117.201798>
- McCrary, E. J., & Viding, E. (2015). The theory of latent vulnerability: Reconceptualizing the link between childhood maltreatment and psychiatric disorder. *Development and Psychopathology*, 27(2), 493–505. <https://doi.org/10.1017/S0954579415000115>
- McDowell, T. L., & Serovich, J. M. (2007). The effect of perceived and actual social support on the mental health of HIV-positive persons. *AIDS Care*, 19(10), 1223–1229. <https://doi.org/10.1080/09540120701402830>
- McEwen, B. S. (1998). Stress, adaptation, and disease. Allostasis and allostatic load. *Annals of the New York Academy of Sciences*, 840, 33–44. <https://doi.org/10.1111/j.1749-6632.1998.tb09546.x>
- McEwen, B. S. (2000). Allostasis and allostatic load: implications for neuropsychopharmacology. *Neuropsychopharmacology*, 22(2), 108–124. [https://doi.org/10.1016/S0893-133X\(99\)00129-3](https://doi.org/10.1016/S0893-133X(99)00129-3)

- McEwen, B. S. (2005). Stressed or stressed out: what is the difference? *Journal of Psychiatry & Neuroscience: JPN*, 30(5), 315–318. <https://pmc.ncbi.nlm.nih.gov/articles/PMC1197275/>
- McEwen, B. S. (2012). Brain on stress: how the social environment gets under the skin. *Proceedings of the National Academy of Sciences of the United States of America*, 109 Suppl 2, 17180–17185. <https://doi.org/10.1073/pnas.1121254109>
- McEwen, B. S. (2017). Neurobiological and systemic effects of chronic stress. *Chronic Stress*, 1. <https://doi.org/10.1177/2470547017692328>
- McGrath, J. J., Al-Hamzawi, A., Alonso, J., Altwaijri, Y., Andrade, L. H., Bromet, E. J., Bruffaerts, R., de Almeida, J. M. C., Chardoul, S., Chiu, W. T., Degenhardt, L., Demler, O. V., Ferry, F., Gureje, O., Haro, J. M., Karam, E. G., Karam, G., Khaled, S. M., Kovess-Masfety, V., ... WHO World Mental Health Survey Collaborators. (2023). Age of onset and cumulative risk of mental disorders: a cross-national analysis of population surveys from 29 countries. *The Lancet. Psychiatry*, 10(9), 668–681. [https://doi.org/10.1016/S2215-0366\(23\)00193-1](https://doi.org/10.1016/S2215-0366(23)00193-1)
- McIver, T. A., Bosma, R. L., Goegan, S., Sandre, A., Klassen, J., Chiarella, J., Booij, L., & Craig, W. (2019). Functional connectivity across social inclusion and exclusion is related to peer victimization and depressive symptoms in young adults. *Journal of Affective Disorders*, 253, 366–375. <https://doi.org/10.1016/j.jad.2019.04.085>
- McIver, T. A., Bosma, R. L., Sandre, A., Goegan, S., Klassen, J. A., Chiarella, J., Booij, L., & Craig, W. (2018). Peer victimization is associated with neural response to social exclusion. *Merrill-Palmer Quarterly-Journal of Developmental Psychology*, 64(1), 135–161. <https://doi.org/10.13110/merrpalmquar1982.64.1.0135>
- McKinlay, A. R., May, T., Dawes, J., Fancourt, D., & Burton, A. (2022). “You’re just there, alone in your room with your thoughts”: A qualitative study about the psychosocial impact of the COVID-19 pandemic among young people living in the UK. *BMJ Open*, 12(2), e053676. <https://doi.org/10.1136/bmjopen-2021-053676>
- McLafferty, M., O’Neill, S., Armour, C., Murphy, S., & Bunting, B. (2018). The mediating role of various types of social networks on psychopathology following adverse childhood experiences. *Journal of Affective Disorders*, 238, 547–553. <https://doi.org/10.1016/j.jad.2018.06.020>
- McLaughlin, K. A. (2016). Future directions in childhood adversity and youth psychopathology. *Journal of Clinical Child and Adolescent Psychology*, 45(3), 361–382. <https://doi.org/10.1080/15374416.2015.1110823>
- McLaughlin, K. A., Colich, N. L., Rodman, A. M., & Weissman, D. G. (2020). Mechanisms linking childhood trauma exposure and psychopathology: a transdiagnostic model of risk and resilience. *BMC Medicine*, 18(1), 96. <https://doi.org/10.1186/s12916-020-01561-6>

- McLaughlin, K. A., Conron, K. J., Koenen, K. C., & Gilman, S. E. (2010). Childhood adversity, adult stressful life events, and risk of past-year psychiatric disorder: a test of the stress sensitization hypothesis in a population-based sample of adults. *Psychological Medicine*, *40*(10), 1647–1658. <https://doi.org/10.1017/S0033291709992121>
- McLaughlin, K. A., DeCross, S. N., Jovanovic, T., & Tottenham, N. (2019). Mechanisms linking childhood adversity with psychopathology: Learning as an intervention target. *Behaviour Research and Therapy*, *118*, 101–109. <https://doi.org/10.1016/j.brat.2019.04.008>
- McLaughlin, K. A., Green, J. G., 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 II: Associations with persistence of DSM-IV disorders. *Archives of General Psychiatry*, *67*(2), 124–132. <https://doi.org/10.1001/archgenpsychiatry.2009.187>
- McLaughlin, K. A., Greif Green, J., Gruber, M. J., Sampson, N. A., Zaslavsky, A. M., & Kessler, R. C. (2012). Childhood adversities and first onset of psychiatric disorders in a national sample of US adolescents. *Archives of General Psychiatry*, *69*(11), 1151–1160. <https://doi.org/10.1001/archgenpsychiatry.2011.2277>
- McLaughlin, K. A., Peverill, M., Gold, A. L., Alves, S., & Sheridan, M. A. (2015). Child maltreatment and neural systems underlying emotion regulation. *Journal of the American Academy of Child and Adolescent Psychiatry*, *54*(9), 753–762. <https://doi.org/10.1016/j.jaac.2015.06.010>
- McLaughlin, K. A., Rosen, M. L., Kasparek, S. W., & Rodman, A. M. (2022). Stress-related psychopathology during the COVID-19 pandemic. *Behaviour Research and Therapy*, 104121. <https://doi.org/10.1016/j.brat.2022.104121>
- McLaughlin, K. A., & Sheridan, M. A. (2016). Beyond Cumulative Risk: A dimensional approach to childhood adversity. *Current Directions in Psychological Science*, *25*(4), 239–245. <https://doi.org/10.1177/0963721416655883>
- McLaughlin, K. A., Sheridan, M. A., Humphreys, K. L., Belsky, J., & Ellis, B. J. (2021). The value of dimensional models of early experience: Thinking clearly about concepts and categories. *Perspectives on Psychological Science*, *16*(6), 1463–1472. <https://doi.org/10.1177/1745691621992346>
- McLaughlin, K. A., Sheridan, M. A., & Lambert, H. K. (2014). Childhood adversity and neural development: deprivation and threat as distinct dimensions of early experience. *Neuroscience and Biobehavioral Reviews*, *47*, 578–591. <https://doi.org/10.1016/j.neubiorev.2014.10.012>
- McLaughlin, K. A., Sheridan, M. A., Tibu, F., Fox, N. A., Zeanah, C. H., & Nelson, C. A., 3rd. (2015). Causal effects of the early caregiving environment on development of stress response systems in children. *Proceedings of the*

- National Academy of Sciences of the United States of America*, 112(18), 5637–5642. <https://doi.org/10.1073/pnas.1423363112>
- McLaughlin, K. A., Weissman, D., & Bitrán, D. (2019). Childhood adversity and neural development: A systematic review. *Annual Review of Developmental Psychology*, 1, 277–312. <https://doi.org/10.1146/annurev-devpsych-121318-084950>
- McPherson, M., Smith-Lovin, L., & Cook, J. M. (2001). Birds of a feather: Homophily in social networks. *Annual Review of Sociology*, 27(1), 415–444. <https://doi.org/10.1146/annurev.soc.27.1.415>
- McQuaid, G. A., Darcey, V. L., Avalos, M. F., Fishbein, D. H., & VanMeter, J. W. (2019). Altered cortical structure and psychiatric symptom risk in adolescents exposed to maternal stress in utero: A retrospective investigation. *Behavioural Brain Research*, 375, 112145. <https://doi.org/10.1016/j.bbr.2019.112145>
- Meinck, F., Steinert, J., Sethi, D., Gilbert, R., Bellis, M., Alink, L., & Baban, A. (2016). *Measuring and monitoring national prevalence of child maltreatment: a practical handbook*. <https://ora.ox.ac.uk/objects/uuid:d119ecfc-cd5e-45bc-8cde-13fabdfa982a/files/m580e1cc881179236acc5ba604fd6def9>
- Melrose, K. L., Brown, G. D. A., & Wood, A. M. (2015). When is received social support related to perceived support and well-being? When it is needed. *Personality and Individual Differences*, 77, 97–105. <https://doi.org/10.1016/j.paid.2014.12.047>
- Mendelson, M. J., & Aboud, F. E. (1999). Measuring friendship quality in late adolescents and young adults: McGill Friendship Questionnaires. *Canadian Journal of Behavioural Science. Revue Canadienne Des Sciences Du Comportement*, 31(2), 130–132. <https://doi.org/10.1037/ho087080>
- Méndez Leal, A. S., & Silvers, J. A. (2021). Neurobiological markers of resilience to early-life adversity during adolescence. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, 6(2), 238–247. <https://doi.org/10.1016/j.bpsc.2020.08.004>
- Mersky, J. P., Topitzes, J., & Reynolds, A. J. (2012). Unsafe at any age: Linking childhood and adolescent maltreatment to delinquency and crime. *The Journal of Research in Crime and Delinquency*, 49(2), 295–318. <https://doi.org/10.1177/0022427811415284>
- Millard, S. P. (2013). *EnvStats: An R Package for Environmental Statistics*. Comprehensive R Archive Network (CRAN). <https://cran.r-project.org/web/packages/EnvStats/index.html>
- Miller, A. B., Adams, L. M., Esposito-Smythers, C., Thompson, R., & Proctor, L. J. (2014). Parents and friendships: A longitudinal examination of interpersonal mediators of the relationship between child maltreatment

- and suicidal ideation. *Psychiatry Research*, 220(3), 998–1006. <https://doi.org/10.1016/j.psychres.2014.10.009>
- Miller, A. H., & Raison, C. L. (2016). The role of inflammation in depression: from evolutionary imperative to modern treatment target. *Nature Reviews. Immunology*, 16(1), 22–34. <https://doi.org/10.1038/nri.2015.5>
- Miller, G., Chen, E., & Cole, S. W. (2009). Health psychology: developing biologically plausible models linking the social world and physical health. *Annual Review of Psychology*, 60(1), 501–524. <https://doi.org/10.1146/annurev.psych.60.110707.163551>
- Miller, G. E., Yu, T., Chen, E., & Brody, G. H. (2015). Self-control forecasts better psychosocial outcomes but faster epigenetic aging in low-SES youth. *Proceedings of the National Academy of Sciences of the United States of America*, 112(33), 10325–10330. <https://doi.org/10.1073/pnas.1505063112>
- Miller, N. V., & Johnston, C. (2019). Social threat attentional bias in childhood: Relations to aggression and hostile intent attributions. *Aggressive Behavior*, 45(3), 245–254. <https://doi.org/10.1002/ab.21813>
- Mistica, M., Haylock, P., Michalewicz, A., Raad, S., Fitzgerald, E., & Hitchcock, C. (2024). A natural language model to automate scoring of autobiographical memories. *Behavior Research Methods*, 1–14. <https://doi.org/10.3758/s13428-024-02385-5>
- Mondelli, V., Ciufolini, S., Belvederi Murri, M., Bonaccorso, S., Di Forti, M., Giordano, A., Marques, T. R., Zunszain, P. A., Morgan, C., Murray, R. M., Pariante, C. M., & Dazzan, P. (2015). Cortisol and inflammatory biomarkers predict poor treatment response in first episode psychosis. *Schizophrenia Bulletin*, 41(5), 1162–1170. <https://doi.org/10.1093/schbul/sbvo28>
- Monroe, S. M. (2008). Modern approaches to conceptualizing and measuring human life stress. *Annual Review of Clinical Psychology*, 4, 33–52. <https://doi.org/10.1146/annurev.clinpsy.4.022007.141207>
- Moore, S. A., & Zoellner, L. A. (2007). Overgeneral autobiographical memory and traumatic events: an evaluative review. *Psychological Bulletin*, 133(3), 419–437. <https://doi.org/10.1037/0033-2909.133.3.419>
- Mora-Ripoll, R. (2011). Potential health benefits of simulated laughter: a narrative review of the literature and recommendations for future research. *Complementary Therapies in Medicine*, 19(3), 170–177. <https://doi.org/10.1016/j.ctim.2011.05.003>
- Moreno-López, L., Ioannidis, K., Askelund, A. D., Smith, A. J., Schueler, K., & van Harmelen, A.-L. (2020). The resilient emotional brain: A scoping review of the medial prefrontal cortex and limbic structure and function in resilient adults with a history of childhood maltreatment. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, 5(4), 392–402. <https://doi.org/10.1016/j.bpsc.2019.12.008>

- Moreno-López, L., Sallie, S. N., Ioannidis, K., Kaser, M., Schueler, K., Askelund, A. D., Turner, L., van Harmelen, A.-L., & RAISE Consortium. (2021). RAISE study protocol: a cross-sectional, multilevel, neurobiological study of resilience after individual stress exposure. *BMJ Open*, *11*(1), e040394. <https://doi.org/10.1136/bmjopen-2020-040394>
- Muetzel, R. L., Mulder, R. H., Lamballais, S., Hidalgo, A. P. C., Jansen, P., Guroglu, B., Vemooiji, M. W., Hillegers, M., Whiteu, T., El Marroun, H., & Tiemeier, H. (2019). Frequent bullying involvement and brain morphology in children. *Frontiers in Psychiatry / Frontiers Research Foundation*, *10*. <https://doi.org/10.3389/fpsyt.2019.00696>
- Nanni, V., Uher, R., & Danese, A. (2012). Childhood maltreatment predicts unfavorable course of illness and treatment outcome in depression: a meta-analysis. *The American Journal of Psychiatry*, *169*(2), 141–151. <https://doi.org/10.1176/appi.ajp.2011.11020335>
- Negriff, S., Gordis, E. B., Susman, E. J., Kim, K., Peckins, M. K., Schneiderman, J. U., & Mennen, F. E. (2020). The Young Adolescent Project: A longitudinal study of the effects of maltreatment on adolescent development. *Development and Psychopathology*, *32*(4), 1440–1459. <https://doi.org/10.1017/S0954579419001391>
- Nelson, C. A., & Gabard-Durnam, L. J. (2020). Early adversity and critical periods: Neurodevelopmental consequences of violating the expectable environment. *Trends in Neurosciences*, *43*(3), 133–143. <https://doi.org/10.1016/j.tins.2020.01.002>
- Nelson, C. A., Scott, R. D., Bhutta, Z. A., Harris, N. B., Danese, A., & Samara, M. (2020). Adversity in childhood is linked to mental and physical health throughout life. *BMJ*, *371*, m3048. <https://doi.org/10.1136/bmj.m3048>
- Nelson, J., Klumparendt, A., Doebler, P., & Ehring, T. (2017). Childhood maltreatment and characteristics of adult depression: meta-analysis. *The British Journal of Psychiatry: The Journal of Mental Science*, *210*(2), 96–104. <https://doi.org/10.1192/bjp.bp.115.180752>
- Nevard, I., Green, C., Bell, V., Gellatly, J., Brooks, H., & Bee, P. (2021). Conceptualising the social networks of vulnerable children and young people: a systematic review and narrative synthesis. *Social Psychiatry and Psychiatric Epidemiology*, *56*(2), 169–182. <https://doi.org/10.1007/s00127-020-01968-9>
- Nikulina, V., Widom, C. S., & Czaja, S. (2011). The role of childhood neglect and childhood poverty in predicting mental health, academic achievement and crime in adulthood. *American Journal of Community Psychology*, *48*(3–4), 309–321. <https://doi.org/10.1007/s10464-010-9385-y>
- Nketia, J., Amso, D., & Brito, N. H. (2021). Towards a more inclusive and equitable developmental cognitive neuroscience. *Developmental Cognitive Neuroscience*, *52*, 101014. <https://doi.org/10.1016/j.dcn.2021.101014>

- Noack, H., Nolte, L., Nieratschker, V., Habel, U., & Derntl, B. (2019). Imaging stress: an overview of stress induction methods in the MR scanner. *Journal of Neural Transmission*, 126(9), 1187–1202. <https://doi.org/10.1007/s00702-018-01965-y>
- Norman, R. E., Byambaa, M., De, R., Butchart, A., Scott, J., & Vos, T. (2012). The long-term health consequences of child physical abuse, emotional abuse, and neglect: a systematic review and meta-analysis. *PLoS Medicine*, 9(11), e1001349. <https://doi.org/10.1371/journal.pmed.1001349>
- Oei, N. Y. L., Veer, I. M., Wolf, O. T., Spinhoven, P., Rombouts, S. A., & Elzinga, B. M. (2012). Stress shifts brain activation towards ventral ‘affective’ areas during emotional distraction. *Social Cognitive and Affective Neuroscience*, 7(4), 403–412. <https://academic.oup.com/scan/article-abstract/7/4/403/1737572>
- Ofcom. (2020, June 24). *UK’s internet use surges to record levels*. <https://www.ofcom.org.uk/news-centre/2020/uk-internet-use-surges>
- Oh, D. L., Jerman, P., Silvério Marques, S., Koita, K., Purewal Boparai, S. K., Burke Harris, N., & Bucci, M. (2018). Systematic review of pediatric health outcomes associated with childhood adversity. *BMC Pediatrics*, 18(1), 83. <https://doi.org/10.1186/s12887-018-1037-7>
- O’Laughlin, K. D., Martin, M. J., & Ferrer, E. (2018). Cross-Sectional Analysis of Longitudinal Mediation Processes. *Multivariate Behavioral Research*, 53(3), 375–402. <https://doi.org/10.1080/00273171.2018.1454822>
- Oldfield, R. C. (1971). The assessment and analysis of handedness: the Edinburgh inventory. *Neuropsychologia*, 9(1), 97–113. [https://doi.org/10.1016/0028-3932\(71\)90067-4](https://doi.org/10.1016/0028-3932(71)90067-4)
- Olsen, A. (2016, April 20). *Brevik was “already damaged by the age of two.”* Nyheter. <https://www.tv2.no/a/8241631/>
- Onur, O. A., Walter, H., Schlaepfer, T. E., Rehme, A. K., Schmidt, C., Keysers, C., Maier, W., & Hurlmann, R. (2009). Noradrenergic enhancement of amygdala responses to fear. *Social Cognitive and Affective Neuroscience*, 4(2), 119–126. <https://doi.org/10.1093/scan/nsn049>
- Oppenheimer, C. W., Silk, J. S., Lee, K. H., Dahl, R. E., Forbes, E., Ryan, N., & Ladouceur, C. D. (2020). Suicidal ideation among anxious youth: A preliminary investigation of the role of neural processing of social rejection in interaction with real world negative social experiences. *Child Psychiatry and Human Development*, 51(2), 163–173. <https://doi.org/10.1007/s10578-019-00920-6>
- Orben, A., Lucas, R. E., Fuhrmann, D., & Kievit, R. A. (2022). Trajectories of adolescent life satisfaction. *Royal Society Open Science*, 9(8), 211808. <https://doi.org/10.1098/rsos.211808>
- Orben, A., Tomova, L., & Blakemore, S.-J. (2020). The effects of social deprivation on adolescent development and mental health. *The Lancet. Child &*

- Adolescent Health*, 4(8), 634–640. [https://doi.org/10.1016/S2352-4642\(20\)30186-3](https://doi.org/10.1016/S2352-4642(20)30186-3)
- Osgood, J. M., Kase, S. E., Zaroukian, E. G., & Quartana, P. J. (2021). Online intervention reduces hostile attribution bias, anger, aggressive driving, and cyber-aggression, results of two randomized trials. *Cognitive Therapy and Research*, 45(2), 310–321. <https://doi.org/10.1007/s10608-020-10147-8>
- Oswald, D. L., Clark, E. M., & Kelly, C. M. (2004). Friendship maintenance: An analysis of individual and dyad behaviors. *Journal of Social and Clinical Psychology*, 23(3), 413–441. <https://doi.org/10.1521/jscp.23.3.413.35460>
- Özmete, E., & Pak, M. (2020). The relationship between anxiety levels and perceived social support during the pandemic of COVID-19 in Turkey. *Social Work in Public Health*, 35(7), 603–616. <https://doi.org/10.1080/19371918.2020.1808144>
- Page, M. J., McKenzie, J. E., Bossuyt, P. M., Boutron, I., Hoffmann, T. C., Mulrow, C. D., Shamseer, L., Tetzlaff, J. M., Akl, E. A., Brennan, S. E., Chou, R., Glanville, J., Grimshaw, J. M., Hróbjartsson, A., Lalu, M. M., Li, T., Loder, E. W., Mayo-Wilson, E., McDonald, S., ... Moher, D. (2021). The PRISMA 2020 statement: an updated guideline for reporting systematic reviews. *BMJ*, 372, n71. <https://doi.org/10.1136/bmj.n71>
- Parker, G., Roussos, J., Hadzi-Pavlovic, D., Mitchell, P., Wilhelm, K., & Austin, M. P. (1997). The development of a refined measure of dysfunctional parenting and assessment of its relevance in patients with affective disorders. *Psychological Medicine*, 27(5), 1193–1203. <https://doi.org/10.1017/s003329179700545x>
- Parkes, L., Moore, T. M., Calkins, M. E., Cook, P. A., Cieslak, M., Roalf, D. R., Wolf, D. H., Gur, R. C., Gur, R. E., Satterthwaite, T. D., & Bassett, D. S. (2021). Transdiagnostic dimensions of psychopathology explain individuals' unique deviations from normative neurodevelopment in brain structure. *Translational Psychiatry*, 11(1), 232. <https://doi.org/10.1038/s41398-021-01342-6>
- Passingham, R. E., & Wise, S. P. (2012). *The Neurobiology of the Prefrontal Cortex: Anatomy, Evolution, and the Origin of Insight*. OUP Oxford. <https://play.google.com/store/books/details?id=saJLPV7qWFsC>
- Paus, T., Keshavan, M., & Giedd, J. N. (2008). Why do many psychiatric disorders emerge during adolescence? *Nature Reviews. Neuroscience*, 9(12), 947–957. <https://doi.org/10.1038/nrn2513>
- Pedersen, M. T., Andersen, T. O., Clotworthy, A., Jensen, A. K., Strandberg-Larsen, K., Rod, N. H., & Varga, T. V. (2022). Time trends in mental health indicators during the initial 16 months of the COVID-19 pandemic in Denmark. *BMC Psychiatry*, 22(1), 25. <https://doi.org/10.1186/s12888-021-03655-8>

- Pegg, S., Ethridge, P., Shields, G. S., Slavich, G. M., Weinberg, A., & Kujawa, A. (2019). Blunted social reward responsiveness moderates the effect of lifetime social stress exposure on depressive symptoms. *Frontiers in Behavioral Neuroscience*, *13*, 178. <https://doi.org/10.3389/fnbeh.2019.00178>
- Peterson, C., Florence, C., & Klevens, J. (2018). The economic burden of child maltreatment in the United States, 2015. *Child Abuse & Neglect*, *86*, 178–183. <https://doi.org/10.1016/j.chiabu.2018.09.018>
- Phelps, E. A. (2004). Human emotion and memory: interactions of the amygdala and hippocampal complex. *Current Opinion in Neurobiology*, *14*(2), 198–202. <https://doi.org/10.1016/j.conb.2004.03.015>
- Pierce, M., Hope, H., Ford, T., Hatch, S., Hotopf, M., John, A., Kontopantelis, E., Webb, R., Wessely, S., McManus, S., & Abel, K. M. (2020). Mental health before and during the COVID-19 pandemic: a longitudinal probability sample survey of the UK population. *The Lancet. Psychiatry*, *7*(10), 883–892. [https://doi.org/10.1016/S2215-0366\(20\)30308-4](https://doi.org/10.1016/S2215-0366(20)30308-4)
- Pine, D. S., & Cohen, J. A. (2002). Trauma in children and adolescents: risk and treatment of psychiatric sequelae. *Biological Psychiatry*, *51*(7), 519–531. [https://doi.org/10.1016/s0006-3223\(01\)01352-x](https://doi.org/10.1016/s0006-3223(01)01352-x)
- Pitchforth, J., Fahy, K., Ford, T., Wolpert, M., Viner, R. M., & Hargreaves, D. S. (2019). Mental health and well-being trends among children and young people in the UK, 1995–2014: analysis of repeated cross-sectional national health surveys. *Psychological Medicine*, *49*(8), 1275–1285. <https://doi.org/10.1017/S0033291718001757>
- Pitula, C. E., Wenner, J. A., Gunnar, M. R., & Thomas, K. M. (2017). To trust or not to trust: social decision-making in post-institutionalized, internationally adopted youth. *Developmental Science*, *20*(3). <https://doi.org/10.1111/desc.12375>
- Pollak, S. D., Cicchetti, D., Hornung, K., & Reed, A. (2000). Recognizing emotion in faces: developmental effects of child abuse and neglect. *Developmental Psychology*, *36*(5), 679–688. <https://doi.org/10.1037/0012-1649.36.5.679>
- Pollak, S. D., & Smith, K. E. (2021). Thinking clearly about biology and childhood adversity: Next steps for continued progress. *Perspectives on Psychological Science*, *16*(6), 1473–1477. <https://doi.org/10.1177/17456916211031539>
- Porter, B. M., Douglas, I. J., Larginho, T. L., Aristizabal, M., Mitchell, M. E., Roe, M. A., & Church, J. A. (2021). Examination of pre-pandemic measures on youth well-being during early stages of the COVID-19 pandemic. *Biological Psychiatry Global Open Science*, *1*(4), 252–260. <https://doi.org/10.1016/j.bpsgos.2021.08.003>
- Power, J. D., Barnes, K. A., Snyder, A. Z., Schlaggar, B. L., & Petersen, S. E. (2012). Spurious but systematic correlations in functional connectivity MRI

- networks arise from subject motion. *NeuroImage*, 59(3), 2142–2154. <https://doi.org/10.1016/j.neuroimage.2011.10.018>
- Powers, A., Ressler, K. J., & Bradley, R. G. (2009). The protective role of friendship on the effects of childhood abuse and depression. *Depression and Anxiety*, 26(1), 46–53. <https://doi.org/10.1002/da.20534>
- Prinstein, M. J., & Aikins, J. W. (2004). Cognitive moderators of the longitudinal association between peer rejection and adolescent depressive symptoms. *Journal of Abnormal Child Psychology*, 32(2), 147–158. <https://doi.org/10.1023/b:jacp.0000019767.55592.63>
- Pruessner, J. C., Dedovic, K., Khalili-Mahani, N., Engert, V., Pruessner, M., Buss, C., Renwick, R., Dagher, A., Meaney, M. J., & Lupien, S. (2008). Deactivation of the limbic system during acute psychosocial stress: evidence from positron emission tomography and functional magnetic resonance imaging studies. *Biological Psychiatry*, 63(2), 234–240. <https://doi.org/10.1016/j.biopsych.2007.04.041>
- Puetz, V. B., Kohn, N., Dahmen, B., Zvyagintsev, M., Schueppen, A., Schultz, R. T., Heim, C. M., Fink, G. R., Herpertz-Dahlmann, B., & Konrad, K. (2014). Neural response to social rejection in children with early separation experiences. *Journal of the American Academy of Child and Adolescent Psychiatry*, 53(12), 1328–1337.e8. <https://doi.org/10.1016/j.jaac.2014.09.004>
- Puetz, V. B., Viding, E., Hoffmann, F., Gerin, M. I., Sharp, M., Rankin, G., Maguire, E. A., Mechelli, A., & McCrory, E. J. (2021). Autobiographical memory as a latent vulnerability mechanism following childhood maltreatment: Association with future depression symptoms and prosocial behavior. *Development and Psychopathology*, 33(4), 1300–1307. <https://doi.org/10.1017/S0954579420000504>
- Puetz, V. B., Viding, E., Palmer, A., Kelly, P. A., Lickley, R., Koutoufa, I., Sebastian, C. L., & McCrory, E. J. (2016). Altered neural response to rejection-related words in children exposed to maltreatment. *Journal of Child Psychology and Psychiatry, and Allied Disciplines*, 57(10), 1165–1173. <https://doi.org/10.1111/jcpp.12595>
- Puetz, V. B., Viding, E., Gerin, M. I., Pingault, J.-B., Sethi, A., Knodt, A. R., Radtke, S. R., Brigidi, B. D., Hariri, A. R., & McCrory, E. (2020). Investigating patterns of neural response associated with childhood abuse v. childhood neglect. *Psychological Medicine*, 50(8), 1398–1407. <https://doi.org/10.1017/S003329171900134X>
- R Core Team. (2022). *R: A language and environment for statistical computing*. R Foundation for Statistical Computing. <https://www.r-project.org/>
- Racine, N., McArthur, B. A., Cooke, J. E., Eirich, R., Zhu, J., & Madigan, S. (2021). Global prevalence of depressive and anxiety symptoms in children and adolescents during COVID-19: A meta-analysis: A meta-analysis. *JAMA*

- Pediatrics*, 175(11), 1142–1150.
<https://doi.org/10.1001/jamapediatrics.2021.2482>
- Radley, J. J., Sisti, H. M., Hao, J., Rocher, A. B., McCall, T., Hof, P. R., McEwen, B. S., & Morrison, J. H. (2004). Chronic behavioral stress induces apical dendritic reorganization in pyramidal neurons of the medial prefrontal cortex. *Neuroscience*, 125(1), 1–6.
<https://doi.org/10.1016/j.neuroscience.2004.01.006>
- Raineki, C., Lucion, A. B., & Weinberg, J. (2014). Neonatal handling: An overview of the positive and negative effects. *Developmental Psychobiology*, 56(8), 1613–1625. <https://doi.org/10.1002/dev.21241>
- Raposa, E. B., Hammen, C. L., & Brennan, P. A. (2015). Close friends' psychopathology as a pathway from early adversity to young adulthood depressive symptoms. *Journal of Clinical Child and Adolescent Psychology*, 44(5), 742–750.
<https://doi.org/10.1080/15374416.2014.910788>
- Rappaport, B. I., Hennefield, L., Kujawa, A., Arfer, K. B., Kelly, D., Kappenman, E. S., Luby, J. L., & Barch, D. M. (2019). Peer victimization and dysfunctional reward processing: ERP and behavioral responses to social and monetary rewards. *Frontiers in Behavioral Neuroscience*, 13, 120.
<https://doi.org/10.3389/fnbeh.2019.00120>
- Reid, B. M., DePasquale, C. E., Donzella, B., Leneman, K. B., Taylor, H., & Gunnar, M. R. (2021). Pubertal transition with current life stress and support alters longitudinal diurnal cortisol patterns in adolescents exposed to early life adversity. *Developmental Psychobiology*, 63(6), e22146.
<https://doi.org/10.1002/dev.22146>
- Ren, Z., Zhao, Z., Yu, X., Zhang, L., & Li, X. (2021). Modification of hostile interpretation bias and self-reported aggression in juvenile delinquents: A randomized controlled trial. *International Journal of Clinical and Health Psychology: IJCHP*, 21(2), 72–80.
<https://dialnet.unirioja.es/servlet/articulo?codigo=7893389>
- Revelle, W. (2022). *Procedures for Psychological, Psychometric, and Personality Research* (2.2.9) [Computer software]. <https://cran.r-project.org/web/packages/psych/psych.pdf>
- Reynolds, C. R., & Richmond, B. O. (1978). What I think and feel: A revised measure of children's manifest anxiety. *Journal of Abnormal Child Psychology*, 6(2), 271–280. <https://doi.org/10.1007/BF00919131>
- Richey, A., Brown, S., Fite, P. J., & Bortolato, M. (2016). The Role of Hostile Attributions in the associations between child maltreatment and reactive and proactive aggression. *Journal of Aggression, Maltreatment & Trauma*, 25(10), 1043–1057.
<https://doi.org/10.1080/10926771.2016.1231148>
- 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. *Development and Psychopathology*, 27(2), 507–520. https://research.tilburguniversity.edu/files/8182404/MCP_Riem_beating_the_brain_DaP_2015.pdf
- Riva, P., Romero Lauro, L. J., Dewall, C. N., & Bushman, B. J. (2012). Buffer the pain away: stimulating the right ventrolateral prefrontal cortex reduces pain following social exclusion. *Psychological Science*, 23(12), 1473–1475. <https://doi.org/10.1177/0956797612450894>
- Rivera, B., & Widom, C. S. (1990). Childhood victimization and violent offending. *Violence and Victims*, 5(1), 19–35. <https://www.ncbi.nlm.nih.gov/pubmed/2278946>
- Roberts, A. G., & Lopez-Duran, N. L. (2019). Developmental influences on stress response systems: Implications for psychopathology vulnerability in adolescence. *Comprehensive Psychiatry*, 88, 9–21. <https://doi.org/10.1016/j.comppsy.2018.10.008>
- Robinson, E., Sutin, A. R., Daly, M., & Jones, A. (2022). A systematic review and meta-analysis of longitudinal cohort studies comparing mental health before versus during the COVID-19 pandemic in 2020. *Journal of Affective Disorders*, 296, 567–576. <https://doi.org/10.1016/j.jad.2021.09.098>
- Rod, N. H., Bengtsson, J., Budtz-Jørgensen, E., Clipet-Jensen, C., Taylor-Robinson, D., Andersen, A.-M. N., Dich, N., & Rieckmann, A. (2020). Trajectories of childhood adversity and mortality in early adulthood: a population-based cohort study. *Lancet*, 396(10249), 489–497. [https://doi.org/10.1016/S0140-6736\(20\)30621-8](https://doi.org/10.1016/S0140-6736(20)30621-8)
- Rodríguez-Domínguez, C., Carrascal-Caputto, B., & Durán, M. (2022). Anxiety and intimate relationships in times of lockdown due to COVID-19. *Psychological Trauma: Theory, Research, Practice and Policy*, 14(2), 237–246. <https://doi.org/10.1037/tra0001094>
- Rosenberg, M. (1965). *Society and the Adolescent Self-Image*. Princeton University Press. <https://play.google.com/store/books/details?id=YR3WCgAAQBAJ>
- Rosenquist, J. N., Fowler, J. H., & Christakis, N. A. (2011). Social network determinants of depression. *Molecular Psychiatry*, 16(3), 273–281. <https://doi.org/10.1038/mp.2010.13>
- Rosseel, Y. (2012). lavaan: An R Package for Structural Equation Modeling. *Journal of Statistical Software*, 48, 1–36. <https://doi.org/10.18637/jss.vo48.i02>
- Rousselet, G. A., Pernet, C. R., & Wilcox, R. R. (2019). An introduction to the bootstrap: a versatile method to make inferences by using data-driven simulations. In *PsyArXiv*. <https://doi.org/10.31234/osf.io/h8ft7>

- Rudolph, K. D., Davis, M. M., Modi, H. H., Fowler, C., Kim, Y., & Telzer, E. H. (2020). Differential susceptibility to parenting in adolescent girls: Moderation by neural sensitivity to social cues. *Journal of Research on Adolescence*, *30*, 177–191. <https://doi.org/10.1111/jora.12458>
- Rudolph, K. D., Miernicki, M. E., Troop-Gordon, W., Davis, M. M., & Telzer, E. H. (2016). Adding insult to injury: Neural sensitivity to social exclusion is associated with internalizing symptoms in chronically peer-victimized girls. *Social Cognitive and Affective Neuroscience*, *11*(5), 829–842. <https://doi.org/10.1093/scan/nsw021>
- Rudolph, K. D., Skymba, H. V., Modi, H. H., Davis, M. M., Yan Sze, W., Rosswurm, C. P., & Telzer, E. H. (2020). How does peer adversity “Get inside the Brain?” Adolescent girls’ differential susceptibility to neural dysregulation of emotion following victimization. *Developmental Psychobiology*, *63*(3), 481–495. <https://doi.org/10.1002/dev.22022>
- Ruggeri, K., Stock, F., Haslam, S. A., Capraro, V., Boggio, P., Ellemers, N., Cichocka, A., Douglas, K. M., Rand, D. G., van der Linden, S., Cikara, M., Finkel, E. J., Druckman, J. N., Wohl, M. J. A., Petty, R. E., Tucker, J. A., Shariff, A., Gelfand, M., Packer, D., ... Willer, R. (2023). A synthesis of evidence for policy from behavioural science during COVID-19. *Nature*. <https://doi.org/10.1038/s41586-023-06840-9>
- Salazar, A. M., Keller, T. E., & Courtney, M. E. (2011). Understanding social support’s role in the relationship between maltreatment and depression in youth with foster care experience. *Child Maltreatment*, *16*(2), 102–113. <https://doi.org/10.1177/1077559511402985>
- Salo, M., Appleton, A. A., & Tracy, M. (2021). Childhood adversity trajectories and violent behaviors in adolescence and early adulthood. *Journal of Interpersonal Violence*, *36*(22), 8862605211006366. <https://doi.org/10.1177/08862605211006366>
- Salzinger, S., Feldman, R. S., Hammer, M., & Rosario, M. (1993). The effects of physical abuse on children’s social relationships. *Child Development*, *64*(1), 169–187. <https://doi.org/10.1111/j.1467-8624.1993.tb02902.x>
- Sanchez, M. M., Ladd, C. O., & Plotsky, P. M. (2001). Early adverse experience as a developmental risk factor for later psychopathology: evidence from rodent and primate models. *Development and Psychopathology*, *13*(3), 419–449. <https://doi.org/10.1017/S0954579401003029>
- Santomauro, D. F., Mantilla Herrera, A. M., Shadid, J., Zheng, P., Ashbaugh, C., Pigott, D. M., Abbafati, C., Adolph, C., Amlag, J. O., Aravkin, A. Y., Bang-Jensen, B. L., Bertolacci, G. J., Bloom, S. S., Castellano, R., Castro, E., Chakrabarti, S., Chattopadhyay, J., Cogen, R. M., Collins, J. K., ... Ferrari, A. J. (2021). Global prevalence and burden of depressive and anxiety disorders in 204 countries and territories in 2020 due to the COVID-19 pandemic. *The Lancet*, *398*(10312), 1700–1712. [https://doi.org/10.1016/S0140-6736\(21\)02143-7](https://doi.org/10.1016/S0140-6736(21)02143-7)

- Sapolsky, R. M., Romero, L. M., & Munck, A. U. (2000). How do glucocorticoids influence stress responses? Integrating permissive, suppressive, stimulatory, and preparative actions. *Endocrine Reviews*, *21*(1), 55–89. <https://doi.org/10.1210/edrv.21.1.0389>
- Saragosa-Harris, N. M., Chaku, N., MacSweeney, N., Guazzelli Williamson, V., Scheuplein, M., Feola, B., Cardenas-Iniguez, C., Demir-Lira, E., McNeilly, E. A., Huffman, L. G., Whitmore, L., Michalska, K. J., Damme, K. S., Rakesh, D., & Mills, K. L. (2022). A practical guide for researchers and reviewers using the ABCD Study and other large longitudinal datasets. *Developmental Cognitive Neuroscience*, *55*(101115), 101115. <https://doi.org/10.1016/j.dcn.2022.101115>
- Savitz, J. B., van der Merwe, L., Stein, D. J., Solms, M., & Ramesar, R. S. (2008). Neuropsychological task performance in bipolar spectrum illness: genetics, alcohol abuse, medication and childhood trauma. *Bipolar Disorders*, *10*(4), 479–494. <https://doi.org/10.1111/j.1399-5618.2008.00591.x>
- Sawyer, S. M., Azzopardi, P. S., Wickremarathne, D., & Patton, G. C. (2018). The age of adolescence. *The Lancet. Child & Adolescent Health*, *2*(3), 223–228. [https://doi.org/10.1016/S2352-4642\(18\)30022-1](https://doi.org/10.1016/S2352-4642(18)30022-1)
- Say, G. N., Tasdemir, H. A., Akbas, S., Yüce, M., & Karabekiroglu, K. (2014). Self-esteem and psychiatric features of Turkish adolescents with psychogenic non-epileptic seizures: A comparative study with epilepsy and healthy control groups. *International Journal of Psychiatry in Medicine*, *47*(1), 41–53. <https://doi.org/10.2190/PM.47.1.d>
- Scheuplein, M., & van Harmelen, A.-L. (2022). The importance of friendships in reducing brain responses to stress in adolescents exposed to childhood adversity: A pre-registered systematic review. *Current Opinion in Psychology*, *45*, 101310. <https://doi.org/10.1016/j.copsy.2022.101310>
- Scheuplein, M., Vermeulen, S., van Harmelen, A.-L., & Alink, L. (2023). Child maltreatment and victimization. *Handbook of Clinical Neurology*, *197*, 147–160. <https://doi.org/10.1016/B978-0-12-821375-9.00001-3>
- Schober, P., Boer, C., & Schwarte, L. A. (2018). Correlation coefficients: appropriate use and interpretation. *Anesthesia and Analgesia*, *126*(5), 1763–1768. <https://doi.org/10.1213/ANE.0000000000002864>
- Schoemann, A. M., Boulton, A. J., & Short, S. D. (2017). Determining power and sample size for simple and complex mediation models. *Social Psychological and Personality Science*, *8*(4), 379–386. <https://doi.org/10.1177/1948550617715068>
- Schofield, T. J., Lee, R. D., & Merrick, M. T. (2013). Safe, stable, nurturing relationships as a moderator of intergenerational continuity of child maltreatment: a meta-analysis. *The Journal of Adolescent Health*, *53*(4 Suppl), S32–8. <https://doi.org/10.1016/j.jadohealth.2013.05.004>

- Schwabe, L., Haddad, L., & Schachinger, H. (2008). HPA axis activation by a socially evaluated cold-pressor test. *Psychoneuroendocrinology*, *33*(6), 890–895. <https://doi.org/10.1016/j.psyneuen.2008.03.001>
- Schwabe, L., & Wolf, O. T. (2012). Stress modulates the engagement of multiple memory systems in classification learning. *The Journal of Neuroscience: The Official Journal of the Society for Neuroscience*, *32*(32), 11042–11049. <https://doi.org/10.1523/JNEUROSCI.1484-12.2012>
- Schwarz, K., Moessnang, C., Schweiger, J. I., Baumeister, S., Plichta, M. M., Brandeis, D., Banaschewski, T., Wackerhagen, C., Erk, S., Walter, H., Tost, H., & Meyer-Lindenberg, A. (2020). Transdiagnostic prediction of affective, cognitive, and social function through brain reward anticipation in schizophrenia, bipolar disorder, major depression, and autism spectrum diagnoses. *Schizophrenia Bulletin*, *46*(3), 592–602. <https://doi.org/10.1093/schbul/sbz075>
- Schweizer, S., Lawson, R. P., & Blakemore, S.-J. (2023). Uncertainty as a driver of the youth mental health crisis. *Current Opinion in Psychology*, *53*, 101657. <https://doi.org/10.1016/j.copsy.2023.101657>
- Schweizer, S., Susanne Schweizer, Walsh, N. D., Stretton, J., Dunn, V. J., Goodyer, I. M., & Dalgleish, T. (2016). Enhanced emotion regulation capacity and its neural substrates in those exposed to moderate childhood adversity. *Social Cognitive and Affective Neuroscience*, *11*(2), 272–281. <https://doi.org/10.1093/scan/nsv109>
- Sebastian, C. L., Tan, G. C. Y., Roiser, J. P., Viding, E., Dumontheil, I., & Blakemore, S.-J. (2011). Developmental influences on the neural bases of responses to social rejection: Implications of social neuroscience for education. *NeuroImage*, *57*(3), 686–694. <https://doi.org/10.1016/j.neuroimage.2010.09.063>
- Seltzer, L. J., Ziegler, T. E., & Pollak, S. D. (2010). Social vocalizations can release oxytocin in humans. *Proceedings. Biological Sciences / The Royal Society*, *277*(1694), 2661–2666. <https://doi.org/10.1098/rspb.2010.0567>
- Selye, H. (1955). Stress and disease. *Science*, *122*(3171), 625–631. <https://doi.org/10.1126/science.122.3171.625>
- Selye, H. (2013). *Stress in Health and Disease*. Butterworth-Heinemann. <https://play.google.com/store/books/details?id=wrfYBAAAQBAJ>
- Seo, D., Tsou, K. A., Ansell, E. B., Potenza, M. N., & Sinha, R. (2014). Cumulative adversity sensitizes neural response to acute stress: association with health symptoms. *Neuropsychopharmacology*, *39*(3), 670–680. <https://doi.org/10.1038/npp.2013.250>
- Sethi, D., Bellis, M., Hughes, K., Gilbert, R., Mitis, F., & Galea, G. (2013). *European report on preventing child maltreatment*. World Health Organization. Regional Office for Europe.

- <https://apps.who.int/iris/bitstream/handle/10665/326375/9789289000284-eng.pdf>
- Shackman, J. E., & Pollak, S. D. (2014). Impact of physical maltreatment on the regulation of negative affect and aggression. *Development and Psychopathology*, 26(4pt1), 1021–1033. <https://doi.org/10.1017/S0954579414000546>
- Shahar, G., Cohen, G., Grogan, K. E., & Barile, J. P. (2009). Terrorism-related perceived stress, adolescent depression, and social support from friends. *Pediatrics*, 124(2), e235–e240 <https://doi.org/10.1542/peds.2008-2971>
- Sharma, A., Satterthwaite, T. D., Vandekar, L., Katchmar, N., Daldal, A., Ruparel, K., Elliott, M. A., Baldassano, C., Thase, M. E., Gur, R. E., Kable, J. W., & Wolf, D. H. (2016). Divergent relationship of depression severity to social reward responses among patients with bipolar versus unipolar depression. *Psychiatry Research. Neuroimaging*, 254, 18–25. <https://doi.org/10.1016/j.psychresns.2016.06.003>
- Sheikh, M. A., Abelsen, B., & Olsen, J. A. (2016). Clarifying associations between childhood adversity, social support, behavioral factors, and mental health, health, and well-being in adulthood: A population-based study. *Frontiers in Psychology*, 7, 727. <https://doi.org/10.3389/fpsyg.2016.00727>
- Sheppes, G., Suri, G., & Gross, J. J. (2015). Emotion regulation and psychopathology. *Annual Review of Clinical Psychology*, 11, 379–405. <https://doi.org/10.1146/annurev-clinpsy-032814-112739>
- Sheridan, M. A., & McLaughlin, K. A. (2014). Dimensions of early experience and neural development: deprivation and threat. *Trends in Cognitive Sciences*, 18(11), 580–585. <https://doi.org/10.1016/j.tics.2014.09.001>
- Sheridan, M. A., McLaughlin, K. A., Winter, W., Fox, N., Zeanah, C., & Nelson, C. A. (2018). Early deprivation disruption of associative learning is a developmental pathway to depression and social problems. *Nature Communications*, 9(1), 2216. <https://doi.org/10.1038/s41467-018-04381-8>
- Shields, A., & Cicchetti, D. (2001). Parental maltreatment and emotion dysregulation as risk factors for bullying and victimization in middle childhood. *Journal of Clinical Child Psychology*, 30(3), 349–363. https://doi.org/10.1207/S15374424JCCP3003_7
- Shonkoff, J. (2012). Leveraging the biology of adversity to address the roots of disparities in health and development. *Proceedings of the National Academy of Sciences of the United States of America*, 109 Suppl 2(supplement_2), 17302–17307. <https://doi.org/10.1073/pnas.1121259109>
- Silveira, S., Hecht, M., Matthaeus, H., Adli, M., Voelke, M. C., & Singer, T. (2022). Coping with the COVID-19 pandemic: Perceived changes in psychological vulnerability, resilience and social cohesion before, during and after

- lockdown. *International Journal of Environmental Research and Public Health*, 19(6), 3290. <https://doi.org/10.3390/ijerph19063290>
- Silver, L. B., Dublin, C. C., & Lourie, R. S. (1969). Does violence breed violence? Contributions from a study of the child abuse syndrome. *The American Journal of Psychiatry*, 126(3), 404–407. <https://doi.org/10.1176/ajp.126.3.404>
- Silvers, J. A., Lumian, D. S., Gabard-Durnam, L., Gee, D. G., Goff, B., Fareri, D. S., Caldera, C., Flannery, J., Telzer, E. H., Humphreys, K. L., & Tottenham, N. (2016). Previous institutionalization is followed by broader amygdala–hippocampal–PFC network connectivity during aversive learning in human development. *The Journal of Neuroscience*, 36(24), 6420–6430. <https://doi.org/10.1523/JNEUROSCI.0038-16.2016>
- Slopen, N., Kubzansky, L. D., McLaughlin, K. A., & Koenen, K. C. (2013). Childhood adversity and inflammatory processes in youth: A prospective study. *Psychoneuroendocrinology*, 38(2), 188–200. <https://doi.org/10.1016/j.psyneuen.2012.05.013>
- Smith, A. J., Moreno-López, L., Davidson, E., Dauvermann, M., Orellana, S., Soneson, E., Ioannidis, K., Kaser, M., & van Harmelen, A.-L. (2021). REACT study protocol: resilience after the COVID-19 threat (REACT) in adolescents. *BMJ Open*, 11(1), e042824. <https://doi.org/10.1136/bmjopen-2020-042824>
- Smith, A. M., Loving, T. J., Crockett, E. E., & Campbell, L. (2009). What's closeness got to do with it? Men's and women's cortisol responses when providing and receiving support. *Psychosomatic Medicine*, 71(8), 843–851. <https://doi.org/10.1097/PSY.0bo13e3181b492e6>
- Smith, C., & Thornberry, T. P. (1995). The relationship between childhood maltreatment and adolescent involvement in delinquency. *Criminology*, 33(4), 451–481. <https://doi.org/10.1111/j.1745-9125.1995.tb01186.x>
- Smith, K. E., & Pollak, S. D. (2021). Rethinking concepts and categories for understanding the neurodevelopmental effects of childhood adversity. *Perspectives on Psychological Science*, 16(1), 67–93. <https://doi.org/10.1177/1745691620920725>
- Solmi, M., Radua, J., Olivola, M., Croce, E., Soardo, L., Salazar de Pablo, G., Il Shin, J., Kirkbride, J. B., Jones, P., Kim, J. H., Kim, J. Y., Carvalho, A. F., Seeman, M. V., Correll, C. U., & Fusar-Poli, P. (2022). Age at onset of mental disorders worldwide: large-scale meta-analysis of 192 epidemiological studies. *Molecular Psychiatry*, 27(1), 281–295. <https://doi.org/10.1038/s41380-021-01161-7>
- Sommerlad, A., Marston, L., Huntley, J., Livingston, G., Lewis, G., Steptoe, A., & Fancourt, D. (2021). Social relationships and depression during the COVID-19 lockdown: longitudinal analysis of the COVID-19 Social Study.

- Psychological Medicine*, 52(15), 3381-3390.
<https://doi.org/10.1017/S0033291721000039>
- Speer, M. E., & Delgado, M. R. (2017). Reminiscing about positive memories buffers acute stress responses. *Nature Human Behaviour*, 1(5).
<https://doi.org/10.1038/s41562-017-0093>
- Sperry, D. M., & Widom, C. S. (2013). Child abuse and neglect, social support, and psychopathology in adulthood: a prospective investigation. *Child Abuse & Neglect*, 37(6), 415-425.
<https://doi.org/10.1016/j.chiabu.2013.02.006>
- Spielberger, C. D., & Vagg, P. R. (1984). Psychometric properties of the STAI: A reply to Ramanaiah, Franzen, and Schill. *Journal of Personality Assessment*, 48(1), 95-97.
https://doi.org/10.1207/s15327752jpa4801_16
- Sroufe, L. A., & Rutter, M. (1984). The domain of developmental psychopathology. *Child Development*, 55(1), 17-29.
<https://www.ncbi.nlm.nih.gov/pubmed/6705619>
- Stevens, J. P. (2001). *Applied Multivariate Statistics for the Social Sciences* (4th Edition). Psychology Press. <https://doi.org/10.4324/9781410604491>
- Stinson, E. A., Sullivan, R. M., Peteet, B. J., Tapert, S. F., Baker, F. C., Breslin, F. J., Dick, A. S., Gonzalez, M. R., Guillaume, M., Marshall, A. T., McCabe, C. J., Pelham, W. E., 3rd, Van Rinsveld, A., Sheth, C. S., Sowell, E. R., Wade, N. E., Wallace, A. L., & Lisdahl, K. M. (2021). Longitudinal impact of childhood adversity on early adolescent mental health during the COVID-19 pandemic in the ABCD study cohort: Does race or ethnicity moderate findings? *Biological Psychiatry Global Open Science*, 1(4), 324-335. <https://doi.org/10.1016/j.bpsgos.2021.08.007>
- Stith, S. M., Liu, T., Davies, L. C., Boykin, E. L., Alder, M. C., Harris, J. M., Som, A., McPherson, M., & Dees, J. E. M. E. G. (2009). Risk factors in child maltreatment: A meta-analytic review of the literature. *Aggression and Violent Behavior*, 14(1), 13-29.
<https://doi.org/10.1016/j.avb.2006.03.006>
- Stoltenborgh, M., Bakermans-Kranenburg, M. J., Alink, L. R. A., & van IJzendoorn, M. H. (2015). The prevalence of child maltreatment across the globe: Review of a series of meta-analyses. *Child Abuse Rev.*, 24(1), 37-50. <https://doi.org/10.1002/car.2353>
- Stoltenborgh, M., Bakermans-Kranenburg, M. J., & van IJzendoorn, M. H. (2013). The neglect of child neglect: a meta-analytic review of the prevalence of neglect. *Social Psychiatry and Psychiatric Epidemiology*, 48(3), 345-355. <https://doi.org/10.1007/s00127-012-0549-y>
- Strathearn, L. (2011). Maternal neglect: oxytocin, dopamine and the neurobiology of attachment. *Journal of Neuroendocrinology*, 23(11), 1054-1065.
<https://doi.org/10.1111/j.1365-2826.2011.02228.x>

- Sullivan, P. M., & Knutson, J. F. (2000). Maltreatment and disabilities: a population-based epidemiological study. *Child Abuse & Neglect*, *24*(10), 1257–1273. [https://doi.org/10.1016/S0145-2134\(00\)00190-3](https://doi.org/10.1016/S0145-2134(00)00190-3)
- Sullivan, R. M., & Perry, R. E. (2015). Mechanisms and functional implications of social buffering in infants: Lessons from animal models. *Social Neuroscience*, *10*(5), 500–511. <https://doi.org/10.1080/17470919.2015.1087425>
- Sutherland, K., & Bryant, R. A. (2008). Social problem solving and autobiographical memory in posttraumatic stress disorder. *Behaviour Research and Therapy*, *46*(1), 154–161. <https://doi.org/10.1016/j.brat.2007.10.005>
- Syse, A. (2014). Breivik--the Norwegian terrorist case. *Behavioral Sciences & the Law*, *32*(3), 389–407. <https://doi.org/10.1002/bsl.2121>
- Tang, A., Lahat, A., Crowley, M., Wu, J., & Schmidt, L. (2019). Neurodevelopmental differences to social exclusion: An event-related neural oscillation study of children, adolescents, and adults. *Emotion*, *19*(3), 520–532. <https://doi.org/10.1037/em00000456>
- Tang, A., McLaughlin, K. A., Sheridan, M. A., Nelson, C. A., Zeanah, C. H., & Fox, N. A. (2021). Autonomic reactivity to social rejection, peer difficulties, and the buffering effects of adolescent friendships following early psychosocial deprivation. *Emotion*, *22*(2), 318. <https://doi.org/10.1037/em00001016>
- Teicher, M. H., Anderson, C. M., Ohashi, K., Khan, A., McGreenery, C. E., Bolger, E. A., Rohan, M. L., & Vitaliano, G. D. (2018). Differential effects of childhood neglect and abuse during sensitive exposure periods on male and female hippocampus. *NeuroImage*, *169*, 443–452. <https://doi.org/10.1016/j.neuroimage.2017.12.055>
- Teicher, M. H., & Samson, J. A. (2016). Enduring neurobiological effects of childhood abuse and neglect. *Journal of Child Psychology and Psychiatry*, *57*(3), 241–266. <https://doi.org/10.1111/jcpp.12507>
- Teicher, M. H., Samson, J. A., Sheu, Y.-S., Polcari, A., & McGreenery, C. E. (2010). Association of exposure to peer verbal abuse with elevated psychiatric symptom scores and corpus callosum abnormalities. *The American Journal of Psychiatry*, *167*(12), 1464–1471. <https://doi.org/10.1176/appi.ajp.2010.10010030>
- Teisl, M., & Cicchetti, D. (2007). Physical abuse, cognitive and emotional processes, and aggressive/disruptive behavior problems. *Social Development*, *17*(1), 1–23. <https://doi.org/10.1111/j.1467-9507.2007.00412.x>
- Tennant, R., Hiller, L., Fishwick, R., Platt, S., Joseph, S., Weich, S., Parkinson, J., Secker, J., & Stewart-Brown, S. (2007). The Warwick-Edinburgh Mental Well-being Scale (WEMWBS): Development and UK validation. *Health*

- and Quality of Life Outcomes*, 5, 63. <https://doi.org/10.1186/1477-7525-5-63>
- The Central Committee on Research Involving Human Subjects. (2018, September 28). *Your research: Is it subject to the WMO or not?* <https://english.ccmo.nl/investigators/legal-framework-for-medical-scientific-research/your-research-is-it-subject-to-the-wmo-or-not>
- Thombs, B. D., Bernstein, D. P., Lobbestael, J., & Arntz, A. (2009). A validation study of the Dutch Childhood Trauma Questionnaire-Short Form: factor structure, reliability, and known-groups validity. *Child Abuse & Neglect*, 33(8), 518–523. <https://doi.org/10.1016/j.chiabu.2009.03.001>
- Thornberry, T. P., Ireland, T. O., & Smith, C. A. (2001). The importance of timing: the varying impact of childhood and adolescent maltreatment on multiple problem outcomes. *Development and Psychopathology*, 13(4), 957–979. <https://www.ncbi.nlm.nih.gov/pubmed/11771916>
- Thornberry, T. P., Knight, K. E., & Lovegrove, P. J. (2012). Does maltreatment beget maltreatment? A systematic review of the intergenerational literature. *Trauma, Violence & Abuse*, 13(3), 135–152. <https://doi.org/10.1177/1524838012447697>
- Todorov, A., & Engell, A. D. (2008). The role of the amygdala in implicit evaluation of emotionally neutral faces. *Social Cognitive and Affective Neuroscience*, 3(4), 303–312. <https://doi.org/10.1093/scan/nsn033>
- Tong, Y., Chen, Q., Nichols, T. E., Rasetti, R., Callicott, J. H., Berman, K. F., Weinberger, D. R., & Mattay, V. S. (2016). Seeking optimal Region-Of-Interest (ROI) single-value summary measures for fMRI studies in imaging genetics. *PloS One*, 11(3), e0151391. <https://doi.org/10.1371/journal.pone.0151391>
- Tottenham, N., & Sheridan, M. (2010). A review of adversity, the amygdala and the hippocampus: a consideration of developmental timing. *Frontiers in Human Neuroscience*, 3, 1019. <https://doi.org/10.3389/neuro.09.068.2009>
- Tousignant, B., Eugène, F., Sirois, K., & Jackson, P. L. (2018). Difference in neural response to social exclusion observation and subsequent altruism between adolescents and adults. *Neuropsychologia*, 116, 15–25. <https://doi.org/10.1016/j.neuropsychologia.2017.04.017>
- Trickey, D., Siddaway, A. P., Meiser-Stedman, R., Serpell, L., & Field, A. P. (2012). A meta-analysis of risk factors for post-traumatic stress disorder in children and adolescents. *Clinical Psychology Review*, 32(2), 122–138. <https://doi.org/10.1016/j.cpr.2011.12.001>
- Turner, H. A., Vanderminde, J., Finkelhor, D., Hamby, S., & Shattuck, A. (2011). Disability and victimization in a national sample of children and youth. *Child Maltreatment*, 16(4), 275–286. <https://doi.org/10.1177/1077559511427178>

- Tzourio-Mazoyer, N., Landeau, B., Papathanassiou, D., Crivello, F., Etard, O., Delcroix, N., Mazoyer, B., & Joliot, M. (2002). Automated anatomical labeling of activations in SPM using a macroscopic anatomical parcellation of the MNI MRI single-subject brain. *NeuroImage*, *15*(1), 273–289. <https://doi.org/10.1006/nimg.2001.0978>
- Uchino, B. N., Trettenvik, R., Kent de Grey, R. G., Cronan, S., Hogan, J., & Baucom, B. R. W. (2018). Social support, social integration, and inflammatory cytokines: A meta-analysis. *Health Psychology*, *37*(5), 462–471. <https://doi.org/10.1037/hea0000594>
- Ungar, M., Ghazinoor, M., & Richter, J. (2013). What is resilience within the social ecology of human development? *Journal of Child Psychology and Psychiatry*, *54*(4), 348–366. <https://doi.org/10.1111/jcpp.12025>
- Ungar, M., Theron, L., & Höltge, J. (2023). Multisystemic approaches to researching young people's resilience: Discovering culturally and contextually sensitive accounts of thriving under adversity. *Development and Psychopathology*, *35*(5), 2199–2213. <https://doi.org/10.1017/S0954579423000469>
- United Nations Department of Economic and Social Affairs, Population Division. (2022). *World Population Prospects 2022: Summary of Results* (UN DESA/POP/2022/TR/NO. 3). United Nations. https://www.un.org/development/desa/pd/sites/www.un.org.development.desa.pd/files/wpp2022_summary_of_results.pdf
- Vachon, D. D., Krueger, R. F., Rogosch, F. A., & Cicchetti, D. (2015). Assessment of the Harmful Psychiatric and Behavioral Effects of Different Forms of Child Maltreatment. *JAMA Psychiatry*, *72*(11), 1135–1142. <https://doi.org/10.1001/jamapsychiatry.2015.1792>
- Vaessen, T., Reininghaus, U., van Aubel, E., Beijer-Klippel, A., Steinhart, H., Myin-Germeys, I., & Waltz, J. (2023). Neural correlates of daily-life affective stress reactivity in early psychosis: A study combining functional MRI and experience sampling methodology. *Schizophrenia Research*, *255*, 93–101. <https://doi.org/10.1016/j.schres.2023.03.038>
- Valentino, K., Toth, S. L., & Cicchetti, D. (2009). Autobiographical memory functioning among abused, neglected, and nonmaltreated children: the overgeneral memory effect. *Journal of Child Psychology and Psychiatry*, *50*(8), 1029–1038. <https://doi.org/10.1111/j.1469-7610.2009.02072.x>
- van Ballegooijen, W., Riper, H., Cuijpers, P., van Oppen, P., & Smit, J. H. (2016). Validation of online psychometric instruments for common mental health disorders: a systematic review. *BMC Psychiatry*, *16*(1), 45. <https://doi.org/10.1186/s12888-016-0735-7>
- van Berkel, S. R., Prevoo, M. J. L., Linting, M., Pannebakker, F. D., & Alink, L. R. A. (2020). Prevalence of child maltreatment in the Netherlands: An update and cross-time comparison. *Child Abuse & Neglect*, *103*, 104439. <https://doi.org/10.1016/j.chiabu.2020.104439>

- van Buuren, S., & Groothuis-Oudshoorn, K. (2011). mice: Multivariate Imputation by Chained Equations in R. *Journal of Statistical Software*, *45*(3), 1–67. <https://doi.org/10.18637/jss.v045.i03>
- van Dijk, A., Thomaes, S., Poorthuis, A. M. G., & Orobio de Castro, B. (2019). Can Self-Persuasion Reduce Hostile Attribution Bias in Young Children? *Journal of Abnormal Child Psychology*, *47*(6), 989–1000. <https://doi.org/10.1007/s10802-018-0499-2>
- van Harmelen, A.-L., Blakemore, S. J., Goodyer, I. M., & Kievit, R. A. (2021). The interplay between adolescent friendship quality and resilient functioning following childhood and adolescent adversity. *Adversity and Resilience Science*, *2*(1), 37–50. <https://doi.org/10.1007/s42844-020-00027-1>
- van Harmelen, A.-L., Gibson, J. L., St Clair, M. C., Owens, M., Brodbeck, J., Dunn, V., Lewis, G., Croudace, T., Jones, P. B., Kievit, R. A., & Goodyer, I. M. (2016). Friendships and family support reduce subsequent depressive symptoms in at-risk adolescents. *PloS One*, *11*(5), e0153715. <https://doi.org/10.1371/journal.pone.0153715>
- van Harmelen, A.-L., Hauber, K., Moor, B. G., Spinhoven, P., Boon, A. E., Crone, E. A., & Elzinga, B. M. (2014). Childhood emotional maltreatment severity is associated with dorsal medial prefrontal cortex responsivity to social exclusion in young adults. *PloS One*, *9*(1). <https://doi.org/10.1371/journal.pone.0085107>
- van Harmelen, A.-L., Kievit, R. A., Ioannidis, K., Neufeld, S., Jones, P. B., Bullmore, E., Dolan, R., NSPN Consortium, Fonagy, P., & Goodyer, I. (2017). Adolescent friendships predict later resilient functioning across psychosocial domains in a healthy community cohort. *Psychological Medicine*, *47*(13), 2312–2322. <https://doi.org/10.1017/S0033291717000836>
- van Harmelen, A.-L., van Tol, M.-J., Demeşescu, L. R., van der Wee, N. J. A., Veltman, D. J., Aleman, A., van Buchem, M. A., Spinhoven, P., Penninx, B. W. J. H., & Elzinga, B. M. (2013). Enhanced amygdala reactivity to emotional faces in adults reporting childhood emotional maltreatment. *Social Cognitive and Affective Neuroscience*, *8*(4), 362–369. <https://doi.org/10.1093/scan/nss007>
- van IJzendoorn, M. H., Bakermans-Kranenburg, M. J., Coughlan, B., & Reijman, S. (2020). Umbrella synthesis of meta-analyses on child maltreatment antecedents and interventions: differential susceptibility perspective on risk and resilience. *Journal of Child Psychology and Psychiatry*, *61*(3), 272–290. <https://doi.org/10.1111/jcpp.13147>
- van Vreeswijk, M. F., & De Wilde, E. J. (2004). Autobiographical memory specificity, psychopathology, depressed mood and the use of the Autobiographical Memory Test: A meta-analysis. *Behaviour Research and Therapy*, *42*(6), 731–743. [https://doi.org/10.1016/S0005-7967\(03\)00194-3](https://doi.org/10.1016/S0005-7967(03)00194-3)

- VanTieghem, M. R., & Tottenham, N. (2018). Neurobiological programming of early life stress: Functional development of amygdala-prefrontal circuitry and vulnerability for stress-related psychopathology. *Current Topics in Behavioral Neurosciences*, 38, 117–136. https://doi.org/10.1007/7854_2016_42
- Vargas, T., Damme, K. S. F., & Mittal, V. A. (2019). Bullying victimization in typically developing and clinical high risk (CHR) adolescents: A multimodal imaging study. *Schizophrenia Research*, 213, 40–47. <https://doi.org/10.1016/j.schres.2018.11.017>
- Venables, W. N., & Ripley, B. D. (2002). *Modern Applied Statistics with S*. <https://cran.r-project.org/web/packages/MASS/MASS.pdf>
- Voges, J. F., Müller-Pinzler, L., Neis, M., Luebber, F., Lange, T., Hundt, J. E., Kasten, M., Krämer, U. M., Krach, S., & Rademacher, L. (2022). Association of stress-related neural activity and baseline interleukin-6 plasma levels in healthy adults. *Stress*, 25(1), 267–275. <https://doi.org/10.1080/10253890.2022.2094704>
- Vranceanu, A.-M., Hobfoll, S. E., & Johnson, R. J. (2007). Child multi-type maltreatment and associated depression and PTSD symptoms: The role of social support and stress. *Child Abuse & Neglect*, 31(1), 71–84. <https://doi.org/10.1016/j.chiabu.2006.04.010>
- Wade, M., Zeanah, C. H., Fox, N. A., Tibu, F., Ciolan, L. E., & Nelson, C. A. (2019). Stress sensitization among severely neglected children and protection by social enrichment. *Nature Communications*, 10(1), 5771. <https://doi.org/10.1038/s41467-019-13622-3>
- Walsh, D., & Morales, H. R. (2023, October 28). The World Is Becoming More African. *The New York Times*. <https://www.nytimes.com/interactive/2023/10/28/world/africa/africa-youth-population.html>
- Walsh, W. A., Dawson, J., & Mattingly, M. J. (2010). How are we measuring resilience following childhood maltreatment? Is the research adequate and consistent? What is the impact on research, practice, and policy? *Trauma, Violence & Abuse*, 11(1), 27–41. <https://doi.org/10.1177/1524838009358892>
- Waters, A. M., & Craske, M. G. (2016). Towards a cognitive-learning formulation of youth anxiety: A narrative review of theory and evidence and implications for treatment. *Clinical Psychology Review*, 50, 50–66. <https://doi.org/10.1016/j.cpr.2016.09.008>
- Wechsler, D. (2018). Wechsler abbreviated scale of intelligence--second edition [Data set]. In *PsycTESTS Dataset*. American Psychological Association (APA). <https://doi.org/10.1037/t15171-000>
- Weissman, D. G., Guyer, A. E., Ferrer, E., Robins, R. W., & Hastings, P. D. (2019). Tuning of brain-autonomic coupling by prior threat exposure: Implications for internalizing problems in Mexican-origin adolescents.

- Development and Psychopathology*, 31(3), 1127–1141.
<https://doi.org/10.1017/S0954579419000646>
- Weissman, D. G., Lambert, H. K., Rodman, A. M., Peverill, M., Sheridan, M. A., & McLaughlin, K. A. (2020). Reduced hippocampal and amygdala volume as a mechanism underlying stress sensitization to depression following childhood trauma. *Depression and Anxiety*, 37(9), 916–925.
<https://doi.org/10.1002/da.23062>
- Weisz, J., Bearman, S. K., Santucci, L. C., & Jensen-Doss, A. (2017). Initial test of a principle-guided approach to transdiagnostic psychotherapy with children and adolescents. *Journal of Clinical Child and Adolescent Psychology*, 46(1), 44–58.
<https://doi.org/10.1080/15374416.2016.1163708>
- Wheelock, M. D., Harnett, N. G., Wood, K. H., Orem, T. R., Granger, D. A., Mrug, S., & Knight, D. C. (2016). Prefrontal cortex activity is associated with biobehavioral components of the stress response. *Frontiers in Human Neuroscience*, 10, 583. <https://doi.org/10.3389/fnhum.2016.00583>
- Widom, C. S. (1989a). Child abuse, neglect, and adult behavior: Research design and findings on criminality, violence, and child abuse. *The American Journal of Orthopsychiatry*, 59(3), 355–367.
<https://doi.org/10.1111/j.1939-0025.1989.tb01671.x>
- Widom, C. S. (1989b). The cycle of violence. *Science*, 244(4901), 160–166.
<https://doi.org/10.1126/science.2704995>
- Widom, C. S., Czaja, S. J., & Dutton, M. A. (2008). Childhood victimization and lifetime revictimization. *Child Abuse & Neglect*, 32(8), 785–796.
<https://doi.org/10.1016/j.chiabu.2007.12.006>
- Widom, C. S., & Maxfield, M. G. (1996). A prospective examination of risk for violence among abused and neglected children. *Annals of the New York Academy of Sciences*, 794(1), 224–237. <https://doi.org/10.1111/j.1749-6632.1996.tb32523.x>
- Widom, C. S. (1989). Child abuse, neglect, and violent criminal behavior. *Criminology; an Interdisciplinary Journal*, 27(2), 251–271.
<https://doi.org/10.1111/j.1745-9125.1989.tb01032.x>
- Widom, C. S., Czaja, S., & Dutton, M. A. (2014). Child abuse and neglect and intimate partner violence victimization and perpetration: A prospective investigation. *Child Abuse & Neglect*, 38(4), 650–663.
<https://doi.org/10.1016/j.chiabu.2013.11.004>
- Widom, C. S., Czaja, S. J., & DuMont, K. A. (2015). Intergenerational transmission of child abuse and neglect: Real or detection bias? *Science*, 347(6229), 1480–1485. <https://doi.org/10.1126/science.1259917>
- Widom, C. S., & Massey, C. (2015). A prospective examination of whether childhood sexual abuse predicts subsequent sexual offending. *JAMA Pediatrics*, 169(1), e143357.
<https://doi.org/10.1001/jamapediatrics.2014.3357>

- Wiedemann, A., Stochl, J., Neufeld, S. A. S., Fritz, J., Bhatti, J., Hook, R. W., NSPN Consortium, Goodyer, I. M., Dolan, R. J., Bullmore, E. T., Chamberlain, S. R., Fonagy, P., Perez, J., & Jones, P. B. (2022). The impact of the initial COVID-19 outbreak on young adults' mental health: A longitudinal study of risk and resilience factors. *Scientific Reports*, *12*(1), 16659. <https://doi.org/10.1038/s41598-022-21053-2>
- Wilkinson, P. O., Qiu, T., Neufeld, S., Jones, P. B., & Goodyer, I. M. (2018). Sporadic and recurrent non-suicidal self-injury before age 14 and incident onset of psychiatric disorders by 17 years: prospective cohort study. *The British Journal of Psychiatry*, *212*(4), 222–226. <https://doi.org/10.1192/bjp.2017.45>
- Will, G.-J., Crone, E. A., van Lier, P. A. C., & Güroğlu, B. (2016). Neural correlates of retaliatory and prosocial reactions to social exclusion: Associations with chronic peer rejection. *Developmental Cognitive Neuroscience*, *19*, 288–297. <https://doi.org/10.1016/j.dcn.2016.05.004>
- Will, G.-J., van Lier, P. A. C., Crone, E. A., & Güroğlu, B. (2016). Chronic childhood peer rejection is associated with heightened neural responses to social exclusion during adolescence. *Journal of Abnormal Child Psychology*, *44*(1), 43–55. <https://doi.org/10.1007/s10802-015-9983-0>
- Williams, J. M. (2006). Capture and rumination, functional avoidance, and executive control (CaRFAX): Three processes that underlie overgeneral memory. *Cognition & Emotion*, *20*(3–4), 548–568. <https://doi.org/10.1080/02699930500450465>
- Williams, J. M., & Broadbent, K. (1986). Autobiographical memory in suicide attempters. *Journal of Abnormal Psychology*, *95*(2), 144–149. <https://doi.org/10.1037//0021-843x.95.2.144>
- Williams, J. M., Barnhofer, T., Crane, C., Herman, D., Raes, F., Watkins, E., & Dalgleish, T. (2007). Autobiographical memory specificity and emotional disorder. *Psychological Bulletin*, *133*(1), 122–148. <https://doi.org/10.1037/0033-2909.133.1.122>
- Williams, T., Connolly, J., Pepler, D., & Craig, W. (2005). Peer victimization, social support, and psychosocial adjustment of sexual minority adolescents. *Journal of Youth and Adolescence*, *34*(5), 471–482. <https://doi.org/10.1007/s10964-005-7264-x>
- Wisner Fries, A. B., & Pollak, S. D. (2017). The role of learning in social development: Illustrations from neglected children. *Developmental Science*, *20*(2), e12431. <https://doi.org/10.1111/desc.12431>
- Woodhead, M. (2009). Child Development and the Development of Childhood. *The Palgrave Handbook of Childhood Studies*, 46–61. https://doi.org/10.1007/978-0-230-27468-6_4
- World Medical Association. (2013, October). *WMA Declaration of Helsinki – Ethical Principles for Medical Research Involving Human Subjects*.

- <https://www.wma.net/policies-post/wma-declaration-of-helsinki-ethical-principles-for-medical-research-involving-human-subjects/>
- Wright, M. F., & Wachs, S. (2023). Self-isolation and adolescents' friendship quality: Moderation of technology use for friendship maintenance. *Youth & Society*, 55(4), 673–685. <https://doi.org/10.1177/0044118x221080484>
- Wymbs, N. F., Orr, C., Albaugh, M. D., Althoff, R. R., O'Loughlin, K., Holbrook, H., Garavan, H., Montalvo-Ortiz, J. L., Mostofsky, S., Hudziak, J., & Kaufman, J. (2020). Social supports moderate the effects of child adversity on neural correlates of threat processing. *Child Abuse & Neglect*, 102, 104413. <https://doi.org/10.1016/j.chiabu.2020.104413>
- Xiong, J., Lipsitz, O., Nasri, F., Lui, L. M. W., Gill, H., Phan, L., Chen-Li, D., Iacobucci, M., Ho, R., Majeed, A., & McIntyre, R. S. (2020). Impact of COVID-19 pandemic on mental health in the general population: A systematic review. *Journal of Affective Disorders*, 277, 55–64. <https://doi.org/10.1016/j.jad.2020.08.001>
- Yeates, K. O., Bigler, E. D., Abildskov, T., Dennis, M., Gerhardt, C. A., Vannatta, K., Rubin, K. H., Stancin, T., & Taylor, H. G. (2014). Social competence in pediatric traumatic brain injury: From brain to behavior. *Clinical Psychological Science*, 2(1), 97–107. <https://doi.org/10.1177/2167702613499734>
- Yeates, K. O., Gerhardt, C. A., Bigler, E. D., Abildskov, T., Dennis, M., Rubin, K. H., Stancin, T., Taylor, H. G., & Vannatta, K. (2013). Peer relationships of children with traumatic brain injury. *Journal of the International Neuropsychological Society: JINS*, 19(5), 518–527. <https://doi.org/10.1017/S1355617712001531>
- Yim, J. (2016). Therapeutic benefits of laughter in mental health: A theoretical review. *The Tohoku Journal of Experimental Medicine*, 239(3), 243–249. <https://doi.org/10.1620/tjem.239.243>
- Young, E. S., Frankenhuis, W. E., & Ellis, B. J. (2020). Theory and measurement of environmental unpredictability. *Evolution and Human Behavior: Official Journal of the Human Behavior and Evolution Society*, 41(6), 550–556. <https://doi.org/10.1016/j.evolhumbehav.2020.08.006>
- Young, K. D., Bodurka, J., & Drevets, W. C. (2017). Functional neuroimaging of sex differences in autobiographical memory recall in depression. *Psychological Medicine*, 47(15), 2640–2652. <https://doi.org/10.1017/S003329171700112X>
- Zannas, A. S., Arloth, J., Carrillo-Roa, T., Iurato, S., Röh, S., Ressler, K. J., Nemeroff, C. B., Smith, A. K., Bradley, B., Heim, C., Menke, A., Lange, J. F., Brückl, T., Ising, M., Wray, N. R., Erhardt, A., Binder, E. B., & Mehta, D. (2015). Lifetime stress accelerates epigenetic aging in an urban, African American cohort: Relevance of glucocorticoid signaling. *Genome Biology*, 16(1), 266. <https://doi.org/10.1186/s13059-015-0828-5>

- Ziebland, S., & Wyke, S. (2012). Health and illness in a connected world: how might sharing experiences on the internet affect people's health?: Does sharing on the internet affect people's health? *The Milbank Quarterly*, 90(2), 219–249. <https://doi.org/10.1111/j.1468-0009.2012.00662.x>
- Zimet, G. D., Powell, S. S., Farley, G. K., Werkman, S., & Berkoff, K. A. (1990). Psychometric characteristics of the Multidimensional Scale of Perceived Social Support. *Journal of Personality Assessment*, 55(3–4), 610–617. <https://doi.org/10.1080/00223891.1990.9674095>
- Zschucke, E., Renneberg, B., Dimeo, F., Wüstenberg, T., & Ströhle, A. (2015). The stress-buffering effect of acute exercise: Evidence for HPA axis negative feedback. *Psychoneuroendocrinology*, 51, 414–425. <https://doi.org/10.1016/j.psyneuen.2014.10.019>