



## Providing Individualized and Developmentally Appropriate Services: Neuroscience and Trauma-Informed Care

### Module 6 References

---

- Arnsten, A. (2009). Stress signalling pathways that impair prefrontal cortex structure and function. *Nature Reviews Neuroscience*, *10*(6), 410-422.
- Bennett, C. M., & Baird, A. A. (2006). Anatomical changes in the emerging adult brain: A voxel-based morphometry study. *Human Brain Mapping*, *27*(9), 766-777.
- Brainfacts.org. (2009). *Post-traumatic stress disorder*. Retrieved from <http://www.brainfacts.org/Across-the-Lifespan/Stress-and-Anxiety/Articles/2009/Post-Traumatic-Stress-Disorder>
- Cady, D., & Kendrick-Burk, L. (2013, March). TIME: Trauma informed method of engagement for youth advocacy. Paper presented at the 26th Annual Children's Mental Health Research & Policy Conference. Tampa, FL. Retrieved from <http://cmhconference.com/files/2013/cmh2013-35.pdf>
- Center on the Developing Child. (2019a). *A guide to executive functioning*. <https://developingchild.harvard.edu/guide/a-guide-to-executive-function>
- Center on the Developing Child. (2019b). Gene-environment interaction. <https://developingchild.harvard.edu/science/deep-dives/gene-environment-interaction/>
- Centers for Disease Control. (2010). Adverse childhood experiences reported by adults—five states, 2009. *Morbidity and Mortality Weekly Report*, *59*(49), 1609-1636.
- Cooper, J. L., Masi, R., Dababnah, S., Aratani, Y., & Knitzer, J. (2007). *Strengthening policies to support children, youth, and families who experience trauma*. New York, NY: Columbia University, National Center for Children in Poverty.
- Cutuli, J. J., Alderfer, M. A., & Marsac, M. L. (2019). Introduction to the special issue: Trauma-informed care for children and families. *Psychological Services*, *16*(1), 1-6.

- Davidson, R., & McEwen, B. (2012). Social influences on neuroplasticity: Stress and interventions to promote well-being. *Nature Neuroscience*, *15*(5), 689-695.
- Developmental Services Group. (2013). *Promoting protective factors for in-risk families and youth: A brief for researchers*. Bethesda, MD: Author. Retrieved from [http://www.dsgonline.com/acyf/PF\\_Research\\_Brief.pdf](http://www.dsgonline.com/acyf/PF_Research_Brief.pdf)
- Dumontheil, I. (2016). Adolescent brain development. *Current Opinion in Behavioral Sciences*, *10*, 39-44.
- Garcia, A. R., Gupta, M., Greeson, J. K. P., Thompson, A., & DeNard, C. (2017). Adverse childhood experiences among youth reported to child welfare: Results from the national survey of child & adolescent wellbeing. *Child Abuse & Neglect*, *70*, 292-302.
- Gisquet-Verrier, P., & Le Dorze, C. (2019). Post-traumatic stress disorder and substance use disorder as two pathologies affecting memory reactivation: Implications for new therapeutic approaches. *Frontiers in Behavioral Neuroscience*, *13*(26) 1-11. <https://www.frontiersin.org/articles/10.3389/fnbeh.2019.00026/full>
- Goldstein, A. L., Wekerle, C., Tonmyr, L., Thornton, T., Waechter, R., Pereira, J., Chung, R., & The MAP Research Team (2011). The relationship between post-traumatic stress symptoms and substance use among adolescents involved with child welfare: Implications for emerging adulthood. *International Journal of Mental Health and Addiction*, *9*(5), 505-524.
- Gonzales, N. A., German, M., & Fabrett, F. C. (2011). U.S. Latino youth. In E. C. Chang & C. A. Downey (Eds.). *Handbook of race and development in mental health*, pp. 259-278. New York, NY: Springer.
- Harris, M., & Falot, D. (Eds) (2001). *Using trauma theory to design service systems*. San Francisco, CA: Jossey-Bass.
- Hermans, E. J., Battaglia, F. P., Atsak, P., de Voogd, L. D., Fernández, G., & Roozendaal, B. (2014). How the amygdala affects emotional memory by altering brain network properties. *Neurobiology of Learning and Memory*, *112*, 2-16.
- Herringa, R. J. (2017). Trauma, PTSD, and the developing brain. *Current Psychiatry Reports*, *19*, 69-74. <https://doi-org.proxy.lib.pdx.edu/10.1007/s11920-017-0825-3>
- Hopper, E. K., Bassuk, E. L., & Olivet, J. (2010). Shelter from the storm: Trauma-informed care in homelessness services settings. *The Open Health Services and Policy Journal*, *3*, 80–100.

- Johnson, M. B., & Stevens, B. (2018). Pruning hypothesis comes of age. *Nature*, *554*, 438-439.
- Kalmakis, K. A., & Chandler, G. E. (2015). Health consequences of adverse childhood experiences: A systematic review. *Journal of the American Association of Nurse Practitioners*, *27*, 457-465.
- Lebel, C., & Beaulieu, C. J. (2011). Longitudinal development of human brain wiring continues from childhood into adulthood. *Journal of Neuroscience*, *31*(30), 10937-10947.
- Lulow, E., Harrington, K., Alexander, M., & Kendrick-Burk, L. (2014). Becoming a youth-guided residential organization. In Blau, G. A., Caldwell, B., & Lieberman, R. E. (Eds.), *Residential interventions for children, adolescents, and families: A best practice guide* (pp. 46-60). New York, NY: Routledge.
- McEwen, B. S. (2010, October). *Stress and the central role of the brain*. Paper presented at the Institute of Medicine, From Neurons to Neighborhoods: Anniversary Workshop. Washington, DC.
- McEwen, B. S., & Gianaros, P. J. (2010). Central role of the brain in stress and adaptation: Links to socioeconomic status, health, and disease. *Annals of the American Academy of Sciences*, *1186*, 190-222. Doi: 10.1111/j.1749-6632.05331.x
- National Research Council. (2012). *From neurons to neighborhoods: An update: Workshop summary*. Washington, DC: The National Academies Press. Doi:.org/10.17226/13119.
- Obradovic, J., Burt, K. B., & Masten, A. S. (2006). Pathways of adaptation from adolescence to young adulthood: Antecedents and correlates. *Annals of the New York Academy of Sciences*, *1094*, 340-344.
- Ocklenburg, S., & Güntürkün, O. (2017). *The lateralized brain: The neuroscience and evolution of hemispheric asymmetries*. London, UK: Academic Press.
- Ossowski, J. D., Brennan, E., & Aue, N. (Eds.) (2015). *Focal Point: Youth, Young Adults, & Mental Health: Trauma-Informed Care*, *29*. Portland, OR: Research and Training Center for Pathways to Positive Futures, Portland State University.
- Piochon, C., Kruskal, P., MacLean, J., & Hansel, C. (2013). Non-Hebbian spike-timing-dependent plasticity in cerebellar circuits. *Frontiers in Neural Circuits*, *6*, 1-8.
- Roisman, G., Masten, A., Coatsworth, & Tellegen, A. (2004). Salient and emerging developmental tasks in the transition to adulthood. *Child Development*, *75*(1), 123-133.
- Romeo, R. D. (2017). The impact of stress on the structure of the adolescent brain: Implications for adolescent mental health. *Brain Research*, *1654*, 185-191.

- Romer, D. & Walker, E. (Eds). (2007). *Adolescent psychopathology and the developing brain*. New York, NY: Oxford University Press.
- Rosenzweig, J. M., & Gerlach, J. (2012, November). *Unfinished business: Brain development and traumatic stress in transition aged youth*. Slides and webinar available from the Research and Training Center on Pathways to Positive Futures: <http://www.pathwaysrtc.pdx.edu/webinars-previous#unfinished>
- Roskam, J. (2014). *The developing brain: Implications for youth programs*. Kristin Anderson Moore Lecture for Child Trends. Slides available: <http://www.childtrends.org/our-research/the-kristin-anderson-moore-lecture-series/>
- Schilling, E., Aseltine, R., & Gore, S. (2007). Adverse childhood experiences and mental health in young adults: A longitudinal study. *BMC Public Health*, 7(30), 1-10. doi: 10.1186/1471-2458-7-30.
- Schneider, W., & Ornstein, P. A. (2019). Determinants of memory development in childhood and adolescence. *International Journal of Psychology*, 54(3), 307-315.
- Society for Neuroscience. (2012). *Brain facts: A primer on the brain and nervous system*. Washington, DC: Author. Retrieved from: <http://www.brainfacts.org/~media/Brainfacts/Article%20Multimedia/About%20Neuroscience/Brain%20Facts%20book.ashx>
- Spear, L. (2010). *The behavioral neuroscience of adolescence*. New York, NY: W.W. Norton.
- Substance Abuse and Mental Health Services Administration. (2014). *SAMHSA's concept of trauma and principles and guidance for a trauma-informed approach*. HHS Publication No. (SMA) 14-4884. Rockville, MD: Substance Abuse and Mental Health Services Administration. Retrieved from <https://store.samhsa.gov/system/files/sma14-4884.pdf>
- Substance Abuse and Mental Health Services Administration. (2014). *Trauma-informed care in behavioral health services. Treatment Improvement Protocol (TIP) Series 57*. HHS Publication No. (SMA) 13-4801. Rockville, MD: Substance Abuse and Mental Health Services Administration. Retrieved from [https://www.ncbi.nlm.nih.gov/books/NBK207201/pdf/Bookshelf\\_NBK207201.pdf](https://www.ncbi.nlm.nih.gov/books/NBK207201/pdf/Bookshelf_NBK207201.pdf)