

# PS3121: Developmental Disorders

View Online



---

Akshoomoff, N.A. et al. (2002) 'The Impact of Early Unilateral Brain Injury on Perceptual Organization and Visual Memory', *Neuropsychologia*, 40(5), pp. 539-561. Available at: [https://doi.org/10.1016/S0028-3932\(01\)00129-4](https://doi.org/10.1016/S0028-3932(01)00129-4).

Baird, G. and Simonoff, E. (2006) 'Prevalence of Disorders of the Autism Spectrum in a Population Cohort of Children in South Thames: The Special Needs and Autism Project (SNAP)', *The Lancet*, 368(9531), pp. 210-215. Available at: [https://doi.org/10.1016/S0140-6736\(06\)69041-7](https://doi.org/10.1016/S0140-6736(06)69041-7).

Barkley, R.A. (1997) 'Behavioral Inhibition, Sustained Attention, and Executive Functions: Constructing a Unifying Theory of ADHD', *Psychological Bulletin*, (1), pp. 65-94. Available at: <http://search.ebscohost.com/login.aspx?direct=true&db=pdh&AN=1997-02112-004&site=ehost-live>.

van Bergen, E. et al. (2017) 'Why Are Home Literacy Environment and Children's Reading Skills Associated? What Parental Skills Reveal', *Reading Research Quarterly*, 52(2), pp. 147-160. Available at: <https://doi.org/10.1002/rrq.160>.

Bishop, D.V.M. (1997) 'Cognitive Neuropsychology and Developmental Disorders: Uncomfortable Bedfellows', *The Quarterly Journal of Experimental Psychology Section A*, 50(4), pp. 899-923. Available at: <https://doi.org/10.1080/713755740>.

Bishop, D.V.M. (2006) 'Developmental Cognitive Genetics: How Psychology Can Inform Genetics and Vice Versa', *The Quarterly Journal of Experimental Psychology*, 59(7), pp. 1153-1168. Available at: <https://doi.org/10.1080/17470210500489372>.

Bishop, D.V.M. (2014) 'Ten Questions About Terminology for Children With Unexplained Language Problems', *International Journal of Language & Communication Disorders*, 49(4), pp. 381-415. Available at: <https://doi.org/10.1111/1460-6984.12101>.

Bishop, D.V.M., Adams, C.V. and Norbury, C.F. (2006) 'Distinct Genetic Influences on Grammar and Phonological Short-Term Memory Deficits: Evidence From 6-Year-Old Twins', *Genes, Brain and Behavior*, 5(2), pp. 158-169. Available at: <https://doi.org/10.1111/j.1601-183X.2005.00148.x>.

Bishop, D.V.M. and Hayiou-Thomas, M.E. (2008a) 'Heritability of Specific Language Impairment Depends on Diagnostic Criteria', *Genes, Brain and Behavior*, 7(3), pp. 365-372. Available at: <https://doi.org/10.1111/j.1601-183X.2007.00360.x>.

Bishop, D.V.M. and Hayiou-Thomas, M.E. (2008b) 'Heritability of Specific Language

Impairment Depends on Diagnostic Criteria', *Genes, Brain and Behavior*, 7(3), pp. 365–372. Available at: <https://doi.org/10.1111/j.1601-183X.2007.00360.x>.

Bishop, Dorothy V. M. and Snowling, M.J. (2004) 'Developmental Dyslexia and Specific Language Impairment: Same or Different?', *Psychological Bulletin* [Preprint], (6). Available at: <http://search.ebscohost.com/login.aspx?direct=true&db=pdh&AN=2004-20177-002&site=ehost-live>.

Bishop, Dorothy V. M. and Snowling, M.J. (2004) 'Developmental Dyslexia and Specific Language Impairment: Same or Different?', *Psychological Bulletin*, 130(6), pp. 858–886. Available at: <https://doi.org/10.1037/0033-2909.130.6.858>.

Brookes, K.J. (2006) 'A Common Haplotype of the Dopamine Transporter Gene Associated With ADHD and Interacting With Maternal use of Alcohol During Pregnancy', *Archives of General Psychiatry*, 63(1), pp. 74–81. Available at: <https://jamanetwork.com/journals/jamapsychiatry/fullarticle/209187>.

Brunsdon, V.E.A. and Colvert, E. (2015) 'Exploring the Cognitive Features in Children With Autism Spectrum Disorder, Their Co-Twins, and Typically Developing Children Within a Population-Based Sample', *Journal of Child Psychology and Psychiatry*, 56(8), pp. 893–902. Available at: <https://doi.org/10.1111/jcpp.12362>.

Bugden, S. and Ansari, D. (2016a) 'Probing the Nature of Deficits in the "Approximate Number System" in Children With Persistent Developmental Dyscalculia', *Developmental Science*, 19(5), pp. 817–833. Available at: <https://doi.org/10.1111/desc.12324>.

Bugden, S. and Ansari, D. (2016b) 'Probing the Nature of Deficits in the "Approximate Number System" in Children With Persistent Developmental Dyscalculia', *Developmental Science*, 19(5), pp. 817–833. Available at: <https://doi.org/10.1111/desc.12324>.

Cacucci, F. and Vargha-Khadem, F. (2019) 'Contributions of Nonhuman Primate Research to Understanding the Consequences of Human Brain Injury During Development', *Proceedings of the National Academy of Sciences*, 116(52), pp. 26204–26209. Available at: <https://doi.org/10.1073/pnas.1912952116>.

Carroll, J.M., Mundy, I.R. and Cunningham, A.J. (2014) 'The Roles of Family History of Dyslexia, Language, Speech Production and Phonological Processing in Predicting Literacy Progress', *Developmental Science*, 17(5), pp. 727–742. Available at: <https://doi.org/10.1111/desc.12153>.

Castles, A. (2014) 'Developmental Disorders: What Can Be Learned From Cognitive Neuropsychology?', *Philosophical Transactions of the Royal Society B: Biological Sciences*, 369(1634). Available at: <https://doi.org/10.1098/rstb.2013.0407>.

Charman, T. (2019) 'Editorial: Trials and Tribulations in Early Autism Intervention Research', *Journal of the American Academy of Child & Adolescent Psychiatry*, 58(9), pp. 846–848. Available at: <https://doi.org/10.1016/j.jaac.2019.03.004>.

Charman, T. and Jones, C.R.G. (2011) 'Defining the Cognitive Phenotype of Autism', *Brain Research*, 1380, pp. 10–21. Available at: <https://doi.org/10.1016/j.brainres.2010.10.075>.

- Chen, M.-H. and Lan, W.-H. (2016) 'Influence of Relative Age on Diagnosis and Treatment of Attention-Deficit Hyperactivity Disorder in Taiwanese Children', *The Journal of Pediatrics*, 172, pp. 162-167.e1. Available at: <https://doi.org/10.1016/j.jpeds.2016.02.012>.
- Cicchetti, D. and Cohen, D.J. (1995) *Developmental Psychopathology*. New York: J. Wiley.
- Cohen, W. et al. (2005) 'Effects of Computer-Based Intervention Through Acoustically Modified Speech (Fast Forward) in Severe Mixed Receptive—Expressive Language Impairment', *Journal of Speech, Language, and Hearing Research*, 48(3), pp. 715–729. Available at: [https://doi.org/10.1044/1092-4388\(2005/049\)](https://doi.org/10.1044/1092-4388(2005/049)).
- Cohen, W. and Watson, J. (2005) 'Effects of Computer-Based Intervention Through Acoustically Modified Speech (Fast Forward) in Severe Mixed Receptive—Expressive Language Impairment', *Journal of Speech Language and Hearing Research*, 48(3). Available at: [https://doi.org/10.1044/1092-4388\(2005/049\)](https://doi.org/10.1044/1092-4388(2005/049)).
- Conti-Ramsden, G., Botting, N. and Faragher, B. (2001) 'Psycholinguistic Markers for Specific Language Impairment (SLI)', *Journal of Child Psychology and Psychiatry*, 42(6), pp. 741–748. Available at: <https://doi.org/10.1111/1469-7610.00770>.
- Cooper, J.M. et al. (2015) 'Neonatal Hypoxia, Hippocampal Atrophy, and Memory Impairment: Evidence of a Causal Sequence', *Cerebral Cortex*, 25(6), pp. 1469–1476. Available at: <https://doi.org/10.1093/cercor/bht332>.
- Cormack, F. et al. (2007) 'The Development of Intellectual Abilities in Pediatric Temporal Lobe Epilepsy', *Epilepsia*, 48(1). Available at: <https://doi.org/10.1111/j.1528-1167.2006.00904.x>.
- Demir, Ö.E., Levine, S.C. and Goldin-Meadow, S. (2009) 'Narrative Skill in Children With Early Unilateral Brain Injury: A Possible Limit to Functional Plasticity', *Developmental Science*, 13(4), pp. 636–647. Available at: <https://doi.org/10.1111/j.1467-7687.2009.00920.x>.
- Demurie, E. et al. (2011) 'Common Alterations in Sensitivity to Type but Not Amount of Reward in ADHD and Autism Spectrum Disorders', *Journal of Child Psychology and Psychiatry*, 52(11), pp. 1164–1173. Available at: <https://doi.org/10.1111/j.1469-7610.2010.02374.x>.
- Duff, F.J. and Clarke, P.J. (2011) 'Practitioner Review: Reading Disorders: What Are the Effective Interventions and How Should They Be Implemented and Evaluated?', *Journal of Child Psychology and Psychiatry*, 52(1), pp. 3–12. Available at: <https://doi.org/10.1111/j.1469-7610.2010.02310.x>.
- Ecker, C., Bookheimer, S.Y. and Murphy, D.G.M. (2015) 'Neuroimaging in Autism Spectrum Disorder: Brain Structure and Function Across the Lifespan', *The Lancet Neurology*, 14(11), pp. 1121–1134. Available at: [https://doi.org/10.1016/S1474-4422\(15\)00050-2](https://doi.org/10.1016/S1474-4422(15)00050-2).
- Einfeld, S. and Tonge, B. (1999) 'Longitudinal Course of Behavioural and Emotional Problems of Young Persons With Prader-Willi, Fragile X, Williams and Down Syndromes', *Journal of Intellectual and Developmental Disability*, 24(4), pp. 349–354.
- Elsabbagh, M. and Johnson, M.H. (2010) 'Getting Answers From Babies About Autism',

Trends in Cognitive Sciences, 14(2), pp. 81–87. Available at:  
<https://doi.org/10.1016/j.tics.2009.12.005>.

Esbensen, A.J. (2013) 'Long-term Impact of Parental Well-Being on Adult Outcomes and Dementia Status in Individuals with Down Syndrome', *American Journal on Intellectual and Developmental Disabilities*, 118(4), pp. 294–309. Available at:  
<https://doi.org/10.1352/1944-7558-118.4.294>.

Faraone, S.V. and Perlis, R.H. (2005) 'Molecular Genetics of Attention-Deficit/Hyperactivity Disorder', *Biological Psychiatry*, 57(11), pp. 1313–1323. Available at:  
<https://doi.org/10.1016/j.biopsych.2004.11.024>.

Fidler, D.J. and Daunhauer, L. (2014) 'Chapter 1 "Down Syndrome: General Overview"', in P. Howlin, T. Charman, and M. Ghaziuddin (eds) *The SAGE Handbook of Developmental Disorders*. SAGE Publications: London. Available at:  
[http://eu.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package\\_service\\_id=13409332010002671&institutionId=2671&customerId=2670](http://eu.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=13409332010002671&institutionId=2671&customerId=2670).

Fisher, S. (2006) 'Tangled Webs: Tracing the Connections Between Genes and Cognition', *Cognition*, 101(2), pp. 270–297. Available at:  
<https://doi.org/10.1016/j.cognition.2006.04.004>.

Flint, J., Greenspan, R.J. and Kendler, K.S. (2010) *How Genes Influence Behavior*. Oxford: Oxford University Press.

Frances, A. (2016) *Conclusive Proof ADHD Is Overdiagnosed*. The Huffington Post. Available at:  
[https://www.huffingtonpost.com/entry/conclusive-proof-adhd-is-overdiagnosed\\_b\\_10107214](https://www.huffingtonpost.com/entry/conclusive-proof-adhd-is-overdiagnosed_b_10107214).

Galaburda, A.M. et al. (2006) 'From Genes to Behavior in Developmental Dyslexia', *Nature Neuroscience*, 9(10), pp. 1213–1217. Available at: <https://doi.org/10.1038/nn1772>.

Gallo, E.F. and Posner, J. (2016) 'Moving Towards Causality in Attention-deficit Hyperactivity Disorder: Overview of Neural and Genetic Mechanisms', *The Lancet Psychiatry*, 3(6), pp. 555–567. Available at:  
[https://doi.org/10.1016/S2215-0366\(16\)00096-1](https://doi.org/10.1016/S2215-0366(16)00096-1).

Geary, D.C. et al. (2007) 'Cognitive Mechanisms Underlying Achievement Deficits in Children With Mathematical Learning Disability', *Child Development*, 78(4), pp. 1343–1359. Available at: <https://doi.org/10.1111/j.1467-8624.2007.01069.x>.

Geschwind, D.H. (2011) 'Genetics of Autism Spectrum Disorders', *Trends in Cognitive Sciences*, 15(9), pp. 409–416. Available at: <https://doi.org/10.1016/j.tics.2011.07.003>.

Gliga, T. et al. (2014) 'From Early Markers to Neuro-Developmental Mechanisms of Autism', *Developmental Review*, 34(3), pp. 189–207. Available at:  
<https://doi.org/10.1016/j.dr.2014.05.003>.

Goldacre, B. (2008) 'The Media's MMR Hoax', in *Bad Science*. London: Fourth Estate, pp. 273–315.

- Gonon, F. (2009) 'The Dopaminergic Hypothesis of Attention-deficit/Hyperactivity Disorder Needs Re-examining', *Trends in Neurosciences*, 32(1), pp. 2–8. Available at: <https://doi.org/10.1016/j.tins.2008.09.010>.
- Government Approves New Down's Syndrome Test | BBC News (no date). Available at: <http://www.bbc.co.uk/news/health-37824048>.
- Green, J. and Garg, S. (2018) 'Annual Research Review: The State of Autism Intervention Science: Progress, Target Psychological and Biological Mechanisms and Future Prospects', *Journal of Child Psychology and Psychiatry*, 59(4), pp. 424–443. Available at: <https://doi.org/10.1111/jcpp.12892>.
- Green, J. and Pickles, A. (2010) 'Parent-Mediated Communication-Focused Treatment in Children With Autism (Pact): A Randomised Controlled Trial', *The Lancet*, 375(9732), pp. 2152–2160. Available at: [https://doi.org/10.1016/S0140-6736\(10\)60587-9](https://doi.org/10.1016/S0140-6736(10)60587-9).
- Hall, S.S. et al. (2008) 'Longitudinal Changes in Intellectual Development in Children with Fragile X Syndrome', *Journal of Abnormal Child Psychology*, 36(6), pp. 927–939. Available at: <https://doi.org/10.1007/s10802-008-9223-y>.
- Happé, F., Ronald, A. and Plomin, R. (2006) 'Time to Give Up on a Single Explanation for Autism', *Nature Neuroscience*, 9(10), pp. 1218–1220. Available at: <https://doi.org/10.1038/nn1770>.
- Hazlett, H.C. and Gu, H. (2017) 'Early Brain Development in Infants at High Risk for Autism Spectrum Disorder', *Nature*, 542(7641), pp. 348–351. Available at: <https://doi.org/10.1038/nature21369>.
- Herbert, M.R. and Caviness, V.S. (2003) 'Larger Brain and White Matter Volumes in Children With Developmental Language Disorder', *Developmental Science*, 6(4), pp. F11–F22. Available at: <https://doi.org/10.1111/1467-7687.00291>.
- Hoeft, F. and Gabrieli, J.D.E. (2007) 'Prediction of Children's Reading Skills Using Behavioral, Functional, and Structural Neuroimaging Measures', *Behavioral Neuroscience*, 121(3), pp. 602–613. Available at: <https://doi.org/10.1037/0735-7044.121.3.602>.
- Howlin, P. et al. (2011) *The SAGE Handbook of Developmental Disorders*. Los Angeles, [Calif.]: SAGE. Available at: <http://ezproxy01.rhul.ac.uk/login?url=http://www.dawsonera.com/depp/reader/protected/external/AbstractView/S9781446252796>.
- Howlin, P., Charman, T. and Ghaziuddin, M. (eds) (2014) *The SAGE Handbook of Developmental Disorders*. SAGE Publications: London.
- Hsu, H.J. and Bishop, D.V.M. (2014a) 'Sequence-Specific Procedural Learning Deficits in Children With Specific Language Impairment', *Developmental Science*, 17(3), pp. 352–365. Available at: <https://doi.org/10.1111/desc.12125>.
- Hsu, H.J. and Bishop, D.V.M. (2014b) 'Sequence-Specific Procedural Learning Deficits in Children With Specific Language Impairment', *Developmental Science*, 17(3), pp. 352–365. Available at: <https://doi.org/10.1111/desc.12125>.

- Huettig, F. et al. (2018) 'Distinguishing Cause From Effect – Many Deficits Associated With Developmental Dyslexia May Be a Consequence of Reduced and Suboptimal Reading Experience', *Language, Cognition and Neuroscience*, 33(3), pp. 333–350. Available at: <https://doi.org/10.1080/23273798.2017.1348528>.
- Hulme, C. et al. (2015) 'The Foundations of Literacy Development in Children at Familial Risk of Dyslexia', *Psychological Science*, 26(12), pp. 1877–1886. Available at: <https://doi.org/10.1177/0956797615603702>.
- Hulme, C. and Snowling, M.J. (2009a) 'Attention Deficit Hyperactivity Disorder', in *Developmental Disorders of Language Learning and Cognition*. Oxford: Blackwell, pp. 243–284. Available at: <https://ebookcentral-proquest-com.ezproxy01.rhul.ac.uk/lib/rhul/detail.action?docID=1166316>.
- Hulme, C. and Snowling, M.J. (2009b) 'Attention Deficit Hyperactivity Disorder', in *Developmental Disorders of Language Learning and Cognition*. Oxford: Blackwell, pp. 243–284. Available at: <https://ebookcentral-proquest-com.ezproxy01.rhul.ac.uk/lib/rhul/detail.action?docID=1166316>.
- Hulme, C. and Snowling, M.J. (2009c) 'Attention Deficit Hyperactivity Disorder', in *Developmental Disorders of Language Learning and Cognition*. Oxford: Wiley-Blackwell, pp. 243–284.
- Hulme, C. and Snowling, M.J. (2009d) 'Attention Deficit Hyperactivity Disorder', in *Developmental Disorders of Language Learning and Cognition*. Oxford: Blackwell, pp. 243–284. Available at: <https://ebookcentral-proquest-com.ezproxy01.rhul.ac.uk/lib/rhul/detail.action?docID=1166316>.
- Hulme, C. and Snowling, M.J. (2009e) 'Autism', in *Developmental Disorders of Language Learning and Cognition*. Oxford: Wiley-Blackwell, pp. 284–326.
- Hulme, C. and Snowling, M.J. (2009f) *Developmental Disorders of Language Learning and Cognition*. Oxford: Wiley-Blackwell.
- Hulme, C. and Snowling, M.J. (2009g) *Developmental Disorders of Language Learning and Cognition*. John Wiley & Sons, Incorporated. Available at: <https://ebookcentral-proquest-com.ezproxy01.rhul.ac.uk/lib/rhul/reader.action?docID=1166316&ppg=15>.
- Hulme, C. and Snowling, M.J. (2009h) 'Reading Disorders I: Developmental Dyslexia', in *Developmental Disorders of Language Learning and Cognition*. Oxford: Wiley-Blackwell.
- Hulme, C. and Snowling, M.J. (2009i) 'Reading Disorders I: Developmental Dyslexia', in *Developmental Disorders of Language Learning and Cognition*. John Wiley & Sons, Incorporated. Available at: <https://ebookcentral-proquest-com.ezproxy01.rhul.ac.uk/lib/rhul/reader.action?docID=1166316&ppg=15>.
- Hulme, C. and Snowling, M.J. (2009j) 'Specific Language Impairment', in *Developmental*

Disorders of Language Learning and Cognition. Oxford: Wiley-Blackwell.

Hulme, C. and Snowling, M.J. (2009k) 'Specific Language Impairment', in *Developmental Disorders of Language Learning and Cognition*. John Wiley & Sons, Incorporated. Available at:  
<https://ebookcentral-proquest-com.ezproxy01.rhul.ac.uk/lib/rhul/reader.action?docID=1166316&ppg=15>.

Hulme, C. and Snowling, M.J. (2009l) 'Understanding Developmental Cognitive Disorders', in *Developmental Disorders of Language Learning and Cognition*. Oxford: Wiley-Blackwell, pp. 1-37.

Jarrold, C. et al. (2001) 'A Longitudinal Assessment of Diverging Verbal and Non-Verbal Abilities in the Williams Syndrome Phenotype', *Cortex*, 37(3), pp. 423-431. Available at:  
[https://doi.org/10.1016/S0010-9452\(08\)70583-5](https://doi.org/10.1016/S0010-9452(08)70583-5).

Jones, E.J.H. and Gliga, T. (2014) 'Developmental Pathways to Autism: A Review of Prospective Studies of Infants at Risk', *Neuroscience & Biobehavioral Reviews*, 39, pp. 1-33. Available at: <https://doi.org/10.1016/j.neubiorev.2013.12.001>.

Kanner, L. (1943) 'Autistic Disturbances of Affective Contact', *Nervous Child*. Available at:  
[http://www.neurodiversity.com/library\\_kanner\\_1943.pdf](http://www.neurodiversity.com/library_kanner_1943.pdf).

Karmiloff-Smith, A. (1998a) 'Development Itself Is the Key to Understanding Developmental Disorders', *Trends in Cognitive Sciences*, 2(10), pp. 389-398. Available at:  
[https://doi.org/10.1016/S1364-6613\(98\)01230-3](https://doi.org/10.1016/S1364-6613(98)01230-3).

Karmiloff-Smith, A. (1998b) 'Development Itself Is the Key to Understanding Developmental Disorders', *Trends in Cognitive Sciences*, 2(10), pp. 389-398. Available at:  
[https://doi.org/10.1016/S1364-6613\(98\)01230-3](https://doi.org/10.1016/S1364-6613(98)01230-3).

Karmiloff-Smith, A. (2009) 'Nativism Versus Neuroconstructivism: Rethinking the Study of Developmental Disorders', *Developmental Psychology*, 45(1), pp. 56-63. Available at:  
<http://search.ebscohost.com/login.aspx?direct=true&db=pdh&AN=2008-19282-023&site=ehost-live>.

Kasperek, T., Theiner, P. and Filova, A. (2015) 'Neurobiology of ADHD From Childhood to Adulthood: Findings of Imaging Methods', *Journal of Attention Disorders*, 19(11), pp. 931-943. Available at: <https://doi.org/10.1177/1087054713505322>.

Krishnan, S., Watkins, K.E. and Bishop, D.V.M. (2016) 'Neurobiological Basis of Language Learning Difficulties', *Trends in Cognitive Sciences*, 20(9), pp. 701-714. Available at:  
<https://doi.org/10.1016/j.tics.2016.06.012>.

Laws, G. and Bishop, D.V.M. (2004) 'Pragmatic Language Impairment and Social Deficits in Williams Syndrome: A Comparison With Down's Syndrome and Specific Language Impairment', *International Journal of Language & Communication Disorders*, 39(1), pp. 45-64. Available at: <https://doi.org/10.1080/13682820310001615797>.

Leibovich, T. et al. (2017) 'From "sense of number" to "sense of magnitude": The role of continuous magnitudes in numerical cognition', *Behavioral and Brain Sciences*, 40. Available at: <https://doi.org/10.1017/S0140525X16000960>.

- Leonard, C. et al. (2006) 'Individual Differences in Anatomy Predict Reading and Oral Language Impairments in Children', *Brain*, 129(12), pp. 3329–3342. Available at: <https://doi.org/10.1093/brain/awl262>.
- Leonard, C. and Eden, G. (2006) 'Individual Differences in Anatomy Predict Reading and Oral Language Impairments in Children', *Brain*, 129(12), pp. 3329–3342. Available at: <https://doi.org/10.1093/brain/awl262>.
- Levine, S.C. et al. (2005) 'IQ Decline Following Early Unilateral Brain Injury: A Longitudinal Study', *Brain and Cognition*, 59(2), pp. 114–123. Available at: <https://doi.org/10.1016/j.bandc.2005.05.008>.
- Levine, S.C. et al. (2016) 'Perinatal Focal Brain Injury', in *Neurobiology of Language*. Elsevier, pp. 969–983. Available at: <https://doi.org/10.1016/B978-0-12-407794-2.00077-8>.
- Loucas, T. and Charman, T. (2008) 'Autistic Symptomatology and Language Ability in Autism Spectrum Disorder and Specific Language Impairment', *Journal of Child Psychology and Psychiatry*, 49(11), pp. 1184–1192. Available at: <https://doi.org/10.1111/j.1469-7610.2008.01951.x>.
- Lum, J.A.G., Gelgic, C. and Conti-Ramsden, G. (2010) 'Procedural and Declarative Memory in Children With and Without Specific Language Impairment', *International Journal of Language & Communication Disorders*, 45(1), pp. 96–107. Available at: <https://doi.org/10.3109/13682820902752285>.
- Martens, M.A., Wilson, S.J. and Reutens, D.C. (2008) 'Research Review: Williams Syndrome: A Critical Review of the Cognitive, Behavioral, and Neuroanatomical Phenotype', *Journal of Child Psychology and Psychiatry*, 49(6), pp. 576–608. Available at: <https://doi.org/10.1111/j.1469-7610.2008.01887.x>.
- Mazzocco, M.M.M., Feigenson, L. and Halberda, J. (2011) 'Preschoolers' Precision of the Approximate Number System Predicts Later School Mathematics Performance', *PLoS ONE*, 6(9). Available at: <https://doi.org/10.1371/journal.pone.0023749>.
- Melby-Lervåg, M., Lyster, S.-A.H. and Hulme, C. (2012) 'Phonological Skills and Their Role in Learning to Read: A Meta-Analytic Review', *Psychological Bulletin*, 138(2), pp. 322–352. Available at: <https://doi.org/10.1037/a0026744>.
- Miller, C.A. et al. (2001) 'Speed of Processing in Children With Specific Language Impairment', *Journal of Speech Language and Hearing Research*, 44(2). Available at: [https://doi.org/10.1044/1092-4388\(2001/034\)](https://doi.org/10.1044/1092-4388(2001/034)).
- Mosch, S.C., Max, J.E. and Tranel, D. (2005) 'A Matched Lesion Analysis of Childhood Versus Adult-Onset Brain Injury Due to Unilateral Stroke', *Cognitive and Behavioral Neurology*, 18(1), pp. 5–17. Available at: <https://doi.org/10.1097/01.wnn.0000152207.80819.3c>.
- Norbury, C.F., Griffiths, H. and Nation, K. (2010) 'Sound Before Meaning: Word Learning in Autistic Disorders', *Neuropsychologia*, 48(14), pp. 4012–4019. Available at: <https://doi.org/10.1016/j.neuropsychologia.2010.10.015>.

Northam, G.B. et al. (2018) 'Developmental Conduction Aphasia After Neonatal Stroke', *Annals of Neurology*, 83(4), pp. 664–675. Available at: <https://doi.org/10.1002/ana.25218>.

Panamath (no date). Available at: <http://www.panamath.org/briefdemo.php>.

Pellicano, E. et al. (2006) 'Multiple Cognitive Capabilities/deficits in Children With an Autism Spectrum Disorder: "Weak" Central Coherence and Its Relationship to Theory of Mind and Executive Control', *Development and Psychopathology*, 18(01). Available at: <https://doi.org/10.1017/S0954579406060056>.

Pellicano, E. (2007) 'Links Between Theory of Mind and Executive Function in Young Children With Autism: Clues to Developmental Primacy', *Developmental Psychology*, (4), pp. 974–990. Available at: <http://search.ebscohost.com/login.aspx?direct=true&db=pdh&AN=2007-09251-014&site=ehost-live>.

Pellicano, E. (2010a) 'Individual Differences in Executive Function and Central Coherence Predict Developmental Changes in Theory of Mind in Autism', *Developmental Psychology*, (2), pp. 530–544. Available at: <http://search.ebscohost.com/login.aspx?direct=true&db=pdh&AN=2010-03975-021&site=ehost-live>.

Pellicano, E. (2010b) 'The Development of Core Cognitive Skills in Autism: A 3-Year Prospective Study', *Child Development*, 81(5), pp. 1400–1416. Available at: <http://www.jstor.org/stable/40800681>.

Pennington, B. (2006) 'From Single to Multiple Deficit Models of Developmental Disorders', *Cognition*, 101(2), pp. 385–413. Available at: <https://doi.org/10.1016/j.cognition.2006.04.008>.

Pennington, B.F. (2006) 'From Single to Multiple Deficit Models of Developmental Disorders', *Cognition*, 101(2), pp. 385–413. Available at: <https://doi.org/10.1016/j.cognition.2006.04.008>.

Plesa Skwerer, D. and Tager-Flusberg, H. (2014) 'Chapter 5 "Williams Syndrome: Overview and Recent Advances in Research"', in P. Howlin, T. Charman, and M. Ghaziuddin (eds) *The SAGE Handbook of Developmental Disorders*. SAGE Publications: London. Available at: [http://eu.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package\\_service\\_id=13409266080002671&institutionId=2671&customerId=2670](http://eu.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=13409266080002671&institutionId=2671&customerId=2670).

Quintin, E.-M. and Jo, B. (2016) 'The Cognitive Developmental Profile Associated With Fragile X Syndrome: A Longitudinal Investigation of Cognitive Strengths and Weaknesses Through Childhood and Adolescence', *Development and Psychopathology*, 28(4pt2), pp. 1457–1469. Available at: <https://www.cambridge.org/core/journals/development-and-psychopathology/article/div-classtitlethe-cognitive-developmental-profile-associated-with-fragile-x-syndrome-a-longitudinal-investigation-of-cognitive-strengths-and-weaknesses-through-childhood-and-adolescence/div/0CEE6A2668EA6B7DF623DA4601781B07>.

Raja Beharelle, A. et al. (2010) 'Left Hemisphere Regions Are Critical for Language in the Face of Early Left Focal Brain Injury', *Brain*, 133(6), pp. 1707–1716. Available at:

<https://doi.org/10.1093/brain/awq104>.

Retz, W. and Klein, R. (2010) Attention-Deficit Hyperactivity Disorder (ADHD) in Adults, Family and Twin Studies in Attention-Deficit Hyperactivity Disorder. Available at: [https://pdfs.semanticscholar.org/9aa3/a2cd8cad40e4609ec0809098f4800907716a.pdf?\\_ga=2.154827384.1999583818.1548418000-1294170618.1548418000](https://pdfs.semanticscholar.org/9aa3/a2cd8cad40e4609ec0809098f4800907716a.pdf?_ga=2.154827384.1999583818.1548418000-1294170618.1548418000).

Rodriguez, A. and Olsen, J. (2009) 'Is Prenatal Alcohol Exposure Related to Inattention and Hyperactivity Symptoms in Children? Disentangling the Effects of Social Adversity', *Journal of Child Psychology and Psychiatry*, 50(9), pp. 1073–1083. Available at: <https://doi.org/10.1111/j.1469-7610.2009.02071.x>.

Ronald, A. and Simonoff, E. (2008) 'Evidence for Overlapping Genetic Influences on Autistic and ADHD Behaviours in a Community Twin Sample', *Journal of Child Psychology and Psychiatry*, 49(5), pp. 535–542. Available at: <https://doi.org/10.1111/j.1469-7610.2007.01857.x>.

Rubia, K. and Alegria, A.A. (2014) 'Effects of Stimulants on Brain Function in Attention-Deficit/Hyperactivity Disorder: A Systematic Review and Meta-Analysis', *Biological Psychiatry*, 76(8), pp. 616–628. Available at: <https://doi.org/10.1016/j.biopsych.2013.10.016>.

Rutter, M. (2006a) *Genes and Behaviour: Nature-Nurture Interplay Explained*. Malden, MA.: Blackwell.

Rutter, M. (2006b) *Genes and Behaviour: Nature-Nurture Interplay Explained*. Malden, MA.: Blackwell. Available at: <https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=243598>.

Schneider, A., Hagerman, R.J. and Hessler, D. (2009) 'Fragile X Syndrome — From Genes to Cognition', *Developmental Disabilities Research Reviews*, 15(4), pp. 333–342. Available at: <https://doi.org/10.1002/ddrr.80>.

Shalev, R.S. (2004) 'Developmental Dyscalculia', *Journal of Child Neurology*, 19(10), pp. 765–771. Available at: <https://doi.org/10.1177/08830738040190100601>.

Shaw, P. and Eckstrand, K. (2007) 'Attention-Deficit/Hyperactivity Disorder Is Characterized by a Delay in Cortical Maturation', *Proceedings of the National Academy of Sciences of the United States of America*, 104(49), pp. 19649–19654. Available at: [http://www.jstor.org.ezproxy01.rhul.ac.uk/stable/25450763?seq=1#page\\_scan\\_tab\\_contents](http://www.jstor.org.ezproxy01.rhul.ac.uk/stable/25450763?seq=1#page_scan_tab_contents).

Sjöwall, D. et al. (2013a) 'Multiple Deficits in ADHD: Executive Dysfunction, Delay Aversion, Reaction Time Variability, and Emotional Deficits', *Journal of Child Psychology and Psychiatry*, 54(6), pp. 619–627. Available at: <https://doi.org/10.1111/jcpp.12006>.

Sjöwall, D. et al. (2013b) 'Multiple Deficits in ADHD: Executive Dysfunction, Delay Aversion, Reaction Time Variability, and Emotional Deficits', *Journal of Child Psychology and Psychiatry*, 54(6), pp. 619–627. Available at: <https://doi.org/10.1111/jcpp.12006>.

Snowling, M.J., Gallagher, A. and Frith, U. (2003) 'Family Risk of Dyslexia Is Continuous: Individual Differences in the Precursors of Reading Skill', *Child Development*, 74(2), pp.

358–373. Available at: <https://doi.org/10.1111/1467-8624.7402003>.

Snowling, M.J. and Hulme, C. (2012) 'Annual Research Review: The Nature and Classification of Reading Disorders - A Commentary On Proposals for Dsm-5', *Journal of Child Psychology and Psychiatry*, 53(5), pp. 593–607. Available at: <https://doi.org/10.1111/j.1469-7610.2011.02495.x>.

Snowling, M.J. and Melby-Lervåg, M. (2016) 'Oral Language Deficits in Familial Dyslexia: A Meta-Analysis and Review.', *Psychological Bulletin*, 142(5), pp. 498–545. Available at: <https://doi.org/10.1037/bul0000037>.

Steele, A. et al. (2013) 'Learning to Read in Williams Syndrome and Down Syndrome: Syndrome-Specific Precursors and Developmental Trajectories', *J Child Psychol Psychiatry*. [Preprint]. Available at: <https://www.ncbi.nlm.nih.gov/pubmed/23718731>.

Stiles, J. et al. (2005) 'Cognitive Development Following Early Brain Injury: Evidence for Neural Adaptation', *Trends in Cognitive Sciences*, 9(3), pp. 136–143. Available at: <https://doi.org/10.1016/j.tics.2005.01.002>.

Stiles, J. (2012) *Neural Plasticity and Cognitive Development: Insights From Children With Perinatal Brain Injury*. New York: Oxford University Press.

Stiles, J. and Nass, R. (1991) 'Spatial Grouping Activity in Young Children With Congenital Right or Left Hemisphere Brain Injury', *Brain and Cognition*, 15(2), pp. 201–222. Available at: [https://doi.org/10.1016/0278-2626\(91\)90026-5](https://doi.org/10.1016/0278-2626(91)90026-5).

Stojanovik, V., Perkins, M. and Howard, S. (2004) 'Williams Syndrome and Specific Language Impairment Do Not Support Claims for Developmental Double Dissociations and Innate Modularity', *Journal of Neurolinguistics*, 17(6), pp. 403–424. Available at: <https://doi.org/10.1016/j.jneuroling.2004.01.002>.

Stothard, S.E. and Snowling, M.J. (1998) 'Language-Impaired Preschoolers: A Follow-Up Into Adolescence', *Journal of Speech, Language & Hearing Research*, 41. Available at: <https://search.ebscohost.com/login.aspx?direct=true&db=cms&AN=523197&site=ehost-live>.

Tager-Flusberg, H. and Joseph, R.M. (2003) 'Identifying Neurocognitive Phenotypes in Autism', *Philosophical Transactions of the Royal Society B: Biological Sciences*, 358(1430), pp. 303–314. Available at: <https://doi.org/10.1098/rstb.2002.1198>.

Thapar, A. et al. (2013) 'Practitioner Review: What Have we Learnt About the Causes of ADHD?', *Journal of Child Psychology and Psychiatry*, 54(1), pp. 3–16. Available at: <https://doi.org/10.1111/j.1469-7610.2012.02611.x>.

Thapar, A. and Rice, F. (2009) 'Prenatal Smoking Might Not Cause Attention-Deficit/Hyperactivity Disorder: Evidence from a Novel Design', *Biological Psychiatry*, 66(8), pp. 722–727. Available at: <https://doi.org/10.1016/j.biopsych.2009.05.032>.

Thomas, M.S.C. and Davis, R. (2016) 'The Over-Pruning Hypothesis of Autism', *Developmental Science*, 19(2), pp. 284–305. Available at: <https://doi.org/10.1111/desc.12303>.

Torppa, M. et al. (2010) 'Language Development, Literacy Skills, and Predictive Connections to Reading in Finnish Children With and Without Familial Risk for Dyslexia', *Journal of Learning Disabilities*, 43(4), pp. 308–321. Available at: <https://doi.org/10.1177/0022219410369096>.

West, G. et al. (2018) 'The Procedural Learning Deficit Hypothesis of Language Learning Disorders: We See Some Problems', *Developmental Science*, 21(2). Available at: <https://doi.org/10.1111/desc.12552>.

Whitaker, H. (2010) *Concise Encyclopedia of Brain and Language*. Boston, MA: Elsevier.

Willcutt, E. (no date) 'The Etiology of ADHD: Behavioral and Molecular Genetic Approaches'. Available at: [https://web.archive.org/web/20180528212218/http://psych.colorado.edu/~willcutt/pdfs/Willcutt\\_ADHD\\_genetics\\_inpress.pdf](https://web.archive.org/web/20180528212218/http://psych.colorado.edu/~willcutt/pdfs/Willcutt_ADHD_genetics_inpress.pdf).

Willcutt, E.G. and Doyle, A.E. (2005) 'Validity of the Executive Function Theory of Attention-Deficit/Hyperactivity Disorder: A Meta-Analytic Review', *Biological Psychiatry*, 57(11), pp. 1336–1346. Available at: <https://doi.org/10.1016/j.biopsych.2005.02.006>.