

PSYC6003 Understanding Developmental Disorders (Semester 2)

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Understanding Developmental Disorders

76 items

Recommended Course Text Book (1 items)

The recommended text book for the course is Hulme and Snowling (2009)

Developmental disorders of language learning and cognition, by Charles Hulme; Margaret J. Snowling, 2009

[Book](#)

Additional course text books (1 items)

The following text books are also recommended although they are more advanced.

Current issues in developmental disorders, by
Chloe ..

R. Marshall, 2013

[Book](#)

Week 1 - Introduction (4 items)

Inclusive language guidelines from the APA

[Webpage](#) | Essential

Developmental disorders of language learning and cognition, by Charles Hulme; Margaret J. Snowling, 2009

[Chapter](#) | Recommended | Chapter 1, pp 1-36

Understanding developmental disorders: a causal modelling approach, by John Morton, 2004

[Book](#) | Optional | Focus on chapter 3

The tortuous route from genes to behavior: A neuroconstructivist approach - in Cognitive, Affective, & Behavioral Neuroscience, by Annette Karmiloff-Smith, 200603

[Article](#) | Optional

Week 2 - Assessment (4 items)

The handbook of psychological testing, by Paul Kline, 2000

[Book](#) | Optional | Ebook and print copies available

Psychological testing: principles, applications, & issues, by Robert M. Kaplan; Dennis P. Saccuzzo, 2018

[Book](#) | Optional

Psychological testing: principles, applications, and issues, by Robert M. Kaplan; Dennis P. Saccuzzo, ©2009

[Book](#) | Optional

An introduction to psychological tests and scales, by Kate Miriam Loewenthal; Christopher Alan Lewis, 2021

[Book](#) | Optional

Week 3 - Disorders of Movement, DCD and ADHD part 1 (13 items)

Recommended reading:

Developmental disorders of language learning and cognition, by Charles Hulme; Margaret J. Snowling, 2009

[Chapter](#) | Recommended | Chapter 6, pages 209-242

International clinical practice recommendations on the definition, diagnosis, assessment, intervention, and psychosocial aspects of developmental coordination disorder - in *Developmental Medicine & Child Neurology*, by Rainer Blank; Anna L Barnett; John Cairney; Dido Green; Amanda Kirby; Helene Polatajko; Sara Rosenblum; Bouwien Smits-Engelsman; David Sugden; Peter Wilson; Sabine Vinçon, 2019-03

[Article](#) | Recommended

Understanding Attention-Deficit/Hyperactivity Disorder from Childhood to Adulthood - in *Postgraduate Medicine*, by Timothy E. Wilens; Thomas J. Spencer, 2010-09-01

[Article](#) | Recommended

Additional readings (9 items)

The Comorbidity of ADHD in the General Population of Swedish School-age Children - in *Journal of Child Psychology and Psychiatry*, by Bjorn Kadesjo; Christopher Gillberg, 2001-05

[Article](#) | Optional

The Motor Function Neurological Assessment (MFNU) as an indicator of motor function problems in boys with ADHD - in *Behavioral and Brain Functions*, by Liv Stray; Torstein Stray; Synnøve Iversen; Anne Ruud; Bjørn Ellertsen; Finn Tønnessen, 2009

[Article](#) | Optional

Developmental Coordination Disorder (Dyspraxia): An Overview of the State of the Art - in *Seminars in Pediatric Neurology*, by Helene J. Polatajko; Noemi Cantin, 2005-12

[Article](#) | Optional

Fine and gross motor ability in males with ADHD - in *Developmental Medicine & Child Neurology*, by Thelma M Pitcher; Jan P Piek; David A Hay, 2003-8

[Article](#) | Optional

Accuracy of drawing in a dual-task and resistance-to-distraction study: Motor or attention deficit? - in Human Movement Science, by Motohide Miyahara; Jan Piek; Nicholas Barrett, 2006-2

[Article](#) | [Optional](#)

Balance in children with attention deficit hyperactivity disorder-combined type - in Research in Developmental Disabilities, by Hsun-Ying Mao; Li-Chieh Kuo; Ai-Lun Yang; Chia-Ting Su, 2014-06

[Article](#) | [Optional](#)

MOTOR PREPARATION, MOTOR EXECUTION, ATTENTION, AND EXECUTIVE FUNCTIONS IN ATTENTION DEFICIT/HYPERACTIVITY DISORDER (ADHD) - in Child Neuropsychology, by Ester I. Klimkeit; Jason B. Mattingley; Dianne M. Sheppard; Paul Lee; John L. Bradshaw, 2005-04

[Article](#) | [Optional](#)

Motor coordination problems in children and adolescents with ADHD rated by parents and teachers: effects of age and gender - in Journal of Neural Transmission, by E. Fliers; N. Rommelse; S. H. H. M. Vermeulen; M. Altink; C. J. M. Buschgens; S. V. Faraone; J. A. Sergeant; B. Franke; J. K. Buitelaar, 2008-2

[Article](#) | [Optional](#)

Motor imagery skills of children with Attention Deficit Hyperactivity Disorder and Developmental Coordination Disorder - in Human Movement Science, by Jacqueline Williams; Cristina Omizzolo; Mary P. Galea; Alasdair Vance, 2013-02

[Article](#) | [Optional](#)

Week 4 - Disorders of Movement, DCD and ADHD part 2 (9 items)

Recommended reading:

Developmental disorders of language learning and cognition, by Charles Hulme; Margaret J. Snowling, 2009

[Chapter](#) | [Recommended](#) | [Chapter 7](#)

International clinical practice recommendations on the definition, diagnosis, assessment, intervention, and psychosocial aspects of developmental coordination disorder - in Developmental Medicine & Child Neurology, by Rainer Blank; Anna L Barnett; John Cairney; Dido Green; Amanda Kirby; Helene Polatajko; Sara Rosenblum; Bouwien Smits-Engelsman; David Sugden; Peter Wilson; Sabine Vinçon, 2019-03

[Article](#) | [Recommended](#) | This was also recommended for week 3 - you only need to read it once

Understanding Attention-Deficit/Hyperactivity Disorder from Childhood to Adulthood - in Postgraduate Medicine, by Timothy E. Wilens; Thomas J. Spencer, 2010-09-01

[Article](#) | [Recommended](#) | This was also recommended for week 3 - you only need to read it once

Additional reading (5 items)

Comorbid ADHD and DCD: Examining cognitive functions using the WISC-IV - in Research in Developmental Disabilities, by Pek Ru Loh; Jan P. Piek; Nicholas C. Barrett, 2011-7

[Article](#) | [Optional](#)

Methylphenidate restores visual memory, but not working memory function in attention deficit-hyperkinetic disorder - in Psychopharmacology, by Sinead M. Rhodes; David R. Coghill; Keith Matthews, 2004-9

[Article](#) | [Optional](#)

The relationship between motor coordination, executive functioning and attention in school aged children - in Archives of Clinical Neuropsychology, by J PIEK, 2004-12

[Article](#) | [Optional](#)

Executive Difficulties in Developmental Coordination Disorder: Methodological Issues and Future Directions - in Current Developmental Disorders Reports, by Hayley C. Leonard; Elisabeth L. Hill, 2015-6

[Article](#) | [Optional](#)

Characterizing cognition in ADHD: beyond executive dysfunction - in Trends in Cognitive Sciences, by F. Xavier Castellanos; Edmund J.S. Sonuga-Barke; Michael P. Milham; Rosemary Tannock, 2006-3

[Article](#) | [Optional](#)

Week 5 - Language Disorders (14 items)

Developmental Language Disorder (DLD) - previously called Specific Language Impairment (SLI)

Recommended books:

Uncommon understanding: development and disorders of language comprehension in children, by Dorothy Bishop, c1997

[Book](#)

Uncommon understanding: development and disorders of language comprehension in children, by D. V. M. Bishop, 2014

[Book](#)

Children with specific language impairment, by Laurence B. Leonard, 2014

[Book](#)

Developmental disorders of language learning and cognition, by Charles Hulme; Margaret J. Snowling, 2009

[Chapter](#) | Chapter 4, pages 129-171

Causes of DLD/SLI:

What Causes Specific Language Impairment in Children? - in Current Directions in

Psychological Science, by D.V.M. Bishop, 2006

Article

Domain-specific cognitive systems: insight from Grammatical-SLI - in TRENDS in Cognitive Sciences, by H.K.J. van der Lely, 2005

Article

Specific language impairment: a deficit in grammar or processing? - in Trends in Cognitive Sciences, by M.F. Joanisse; M.S. Seidenberg, 1998

Article

Dynamic Assessment:

Beyond static assessment of children's receptive vocabulary: the dynamic as... - in International Journal of Language & Communication Disorders, by B Camilleri; N Botting, 2013

Article

Dynamic Assessment of Sentence Structure (DASS): design and evaluation of a... - in International Journal of Language & Communication Disorders, by N Hasson; B Dodd; N Botting, 2012

Article

Intervention - Shape Coding:

Teaching grammar to school-aged children with specific language impairment using Shape Coding - in Child Language Teaching and Therapy, by Ebbels, Susan, Feb 2007

Article

Week 6 - Reading Disorders (22 items)

Developmental Dyslexia and Reading Comprehension Impairment

Recommended reading:

Developmental disorders of language learning and cognition, by Charles Hulme; Margaret J. Snowling, 2009

Chapter | Chapter 2, pages 37-89 (Dyslexia) and Chapter 3, pages 90-128 (Reading Comprehension)

or

Reading development and difficulties, by Kate Cain, 2010

Book | Chapter 6, pages 121-146 (Dyslexia) and Chapter 7, pages 147-170 (Reading Comprehension).

and

Reading Disorders, by Stuart, Nichola J.

Chapter

Defining and understanding dyslexia: past, present and future, by M.J. Snowling; C. Hulme; K. Nation, 2020

Journal

Evidence-based interventions for reading and language difficulties: Creating a virtuous circle - in British Journal of Educational Psychology, by Margaret J. Snowling; Charles Hulme, 2011

Article

The following short journal article provides a good overview (and background) of the processes involved in learning to read.

Learning to Read: What We Know and What We Need to Understand Better - in Child Development Perspectives, by C. Hulme; M.J. Snowling, 2013

Article

Additional reading:

Causal models of dyslexia:

Neurobiology of dyslexia: a reinterpretation of the data - in TRENDS in Neurosciences, by F. Ramus, 2004

Article

What phonological deficit? - in The Quarterly Journal of Experimental Psychology, by F. Ramus; G. Szenkovits, 2008

Article

Evaluating interventions:

A systematic meta-analytic review of evidence for the effectiveness of the 'Fast ForWord' language intervention program - in Journal of Child Psychology and Psychiatry, by Gemma K. Strong; Carole J. Torgerson; David Torgerson; Charles Hulme, 2011-03

Article

Reading and language intervention for children at risk of dyslexia: a randomised controlled trial - in Journal of Child Psychology & Psychiatry, by F. Duff; C. Hulme; K. Grainger; S.J. Hardwick; N.V. Miles; M.J. Snowling, 2014

Article

Longitudinal studies:

Oral language deficits in familial dyslexia: A meta-analysis and review. - in Psychological Bulletin, by M. Snowling; M. Melby-Lervåg, 2016

Article

Co-occurrence in DLD/SLI and Dyslexia:

Developmental Dyslexia and Specific Language Impairment: Same or Different? - in Psychological Bulletin, by D.V.M. Bishop; M. J. Snowling, 2004

Article

Phonological deficits in specific language impairment and developmental dyslexia: towards a multidimensional model - in *Brain : a journal of neurology*, by F. Ramus; C.R. Marshall; S. Rosen; H.K.J. van der Lely, 2013

[Article](#)

Week 7 - Disorders of written expression (4 items)

Developmental dysgraphia: An overview and framework for research - in *Cognitive Neuropsychology*, by Michael McCloskey; Brenda Rapp, 2017-05-19

[Article](#) | **Recommended**

Preventing written expression disabilities through early and continuing assessment and intervention for handwriting and/or spelling problems: Research into practice - in *Handbook of learning disabilities*, by Berninger V.; Amtmann D., edited by H. Lee Swanson; Karen R. Harris; Steve Graham, 2013

[Chapter](#) | **Recommended**

Understanding handwriting difficulties: A comparison of children with and without motor impairment - in *Cognitive Neuropsychology*, by Mellissa Prunty; Anna L. Barnett, 2017-05-19

[Article](#) | **Optional**

Developmental Dyslexia and Dysgraphia: What can We Learn from the One About the Other? - in *Frontiers in Psychology*, by Diana Döhla; Stefan Heim, 2016-01-26

[Article](#) | **Optional**

Week 8 - Autism Spectrum Disorder (ASD) (4 items)

Executive dysfunction in autism☆ - in *Trends in Cognitive Sciences*, by Elisabeth L. Hill, 2004-01

[Article](#)

Empathising and Systemising in Adults with and without Asperger Syndrome - in *Journal of Autism and Developmental Disorders*, by John Lawson; Simon Baron-Cohen; Sally Wheelwright, Jun 2004

[Article](#)

Multiple cognitive capabilities/deficits in children with an autism spectrum disorder: "Weak" central coherence and its relationship to theory of mind and executive control - in *Development and Psychopathology*, by Elizabeth Pellicano; Murray Maybery; Kevin Durkin; Alana Maley, Jan 2006

[Article](#)

Cognitive theories of autism - in *Developmental Review*, by Gnanathusharan Rajendran; Peter Mitchell, 2007-6

[Article](#)