





 2009 NASP School Psych of Year
 Authored 7 books Authored 2 tests: FAR & FAM

□ feifer@comcast.net











Canadian LD Definition

LEARNING DISABILITY (Grades 1-12: Code 54)

This is the official definition adopted by the Learning Disabilities Association of Canada (LDAC) on January 30, 2002.

"Learning Disabilities" refer to a number of disorders which may affect the acquisition, organization, retention, understanding or use of verbal or nonverbal information. These disorders affect learning in individuals who otherwise demonstrate at least average abilities essential for thinking and/or reasoning. As such, learning disabilities are distinct from global intellectual deficiency.

Learning disabilities result from impairments in one or more processes related to perceiving, thinking, remembering or learning. These include, but are not limited to: language processing; phonological processing; visual spatial processing; processing speed; memory and attention; and executive functions (e.g., planning and decision-making).

Learning disabilities range in severity and may interfere with the acquisition and use of one or more of the following:

- .
- oral language (e.g., listening, speaking, understanding) reading (e.g. decoding, phonetic knowledge, word recognition, comprehension) written language (e.g., spelling and written expression)
- mathematics (e.g., computation, problem solving).







able 2 Ffect of disability on educational experiences for adults with a learning disability, aged 15 years and older, Canada, 2012					
ffect of disability		Percentage			
Took longer to achieve current level due t	o disability	64.6			
Took fewer courses due to disability		63.5			
Choice of courses/career influenced by di	isability	63.4			
People avoided/excluded you in school du	ie to disability	57.5			
Bullied at school because of disability		49.8			
Changed course of studies due to disabili	ty	49.0			
Education interrupted due to disability		47.4			
Attended special education classes in reg	ular school	47.2			
Discontinued education due to disability		41.4			
ote: Learning disabilities includes those in scho ource: Statistics Canada, Canadian Survey on D	ol within the last 5 years and had disability while in school. Iisability, 2012.				

















"Dyslexia is characterized by difficulties with <u>accurate</u> and / or fluent word recognition and by poor spelling and decoding abilities. These difficulties typically result from a deficit in the phonological component of language that is often unexpected in relation to other cognitive abilities and the provision of effective classroom instruction. Secondary consequences may include problems in reading comprehension and reduced reading experience that can impede growth of vocabulary and background knowledge."

- International Dyslexia Association









characteristic common to all types of specific learning disabilities.
Relying upon an ability-achievement discrepancy as the

⁶ Retying upon an ability-achievement discrepancy as the sole means of identifying children with specific learning disabilities is at odds with scientific research and with best practice (Gresham & Vellutino, 2010).



MAIN PITFALLS OF DISCREPANCY MODEL

- 1. There is no universal agreement on what the discrepancy should be.
- 2. A discrepancy model of reading disabilities precludes early identification.
- 3. Intelligence is more a predictor of school success, and not necessarily a predictor of successful reading.
- 4. A discrepancy model promotes a 'wait and fail' policy, forcing interventions to come after the fact.

<u>Side note:</u> Do you really think human intellectual functioning can be captured by one unitary value?

18





(Smith, Everatt, & Salter, 2004)

China	5-8%
United States	5-10%
Russia	10%
Israel	10%
Finland	10%
Nigeria	11%
Australia	16%
India	20%

Four Universal Truths of Reading

2. The English language *is not* a purely phonological language In fact, one letter may map to as many as five distinct phonemes or sounds. English speaking children tend to develop phonemic processing more slowly (Goswami, 2007)

- The English language includes over 1,100 ways of representing 44 sounds (phonemes) using a series of different letter combinations (Uhry & Clark, 2005). By contrast, in Italian there is no such ambiguity as just 33 graphemes are sufficient to represent the 25 phonemes.
- Therefore, 25% of words are phonologically irregular (i.e. "debt", "yacht", "onion", etc..) or have one spelling but multiple meanings (i.e. "tear", "bass", "wind", etc..)
- <u>Summary</u>: We need to develop orthography!!











































