

Conquering Dyslexia

Book Study


Chapters 1 & 2

Jan Hasbrouck, Ph.D.
 @janhasbrouck

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BIG THANKS

to all the sponsors and volunteers!



Ch 1 & 2:
 Read Washington

Ch 3:
 The Reading League PA; PA Branch of IDA; Decoding Dyslexia PA

Ch 4 & 5:
 The Reading League WI; Decoding Dyslexia WI

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How it works...

Sessions	Date	Content
Dr. Jan Hasbrouck Chapters 1 & 2	Tuesday, 1/12	Chapters 1 & 2
Small Group Chats Chapters 1 & 2	Tuesday, 1/19 Thursday, 1/21	Parent Discussion Educator Discussion
Dr. Jan Hasbrouck Chapter 3	Tuesday, 1/26	Chapter 3
Small Group Chats Chapter 3	Tuesday, 2/2 Thursday, 2/4	Parent Discussion Educator Discussion
Dr. Jan Hasbrouck Chapters 4 & 5	Tuesday, 2/9	Chapters 4 & 5
Small Group Chats Chapters 4 & 5	Tuesday, 2/16 Thursday, 2/18	Parent Discussion Educator Discussion

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Important Information

- Use the Google doc to find the Zoom link for each night.
- Please fill out the Google form!
- ALTA, IMSLEC, CERI continuing hours information is on the form.
- Use the chat for any questions you have for Jan during the presentations.

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May I introduce myself...



- I'm a lucky resident of beautiful Seattle, WA.
- I was a reading specialist and reading coach in Oregon for 15 years.
- I was a researcher/instructor at the U of Oregon then a professor at Texas A&M. Now...
- Co-founder and board member of Read WA.
- FULL DISCLOSURE: Member of MHE *Wonders* and *Wonder Works* author teams + other books and several assessment tools. Trainer for Read Naturally.
- Volunteer "reading coach" K-8 school in Seattle.
- I have a daughter with dyslexia.

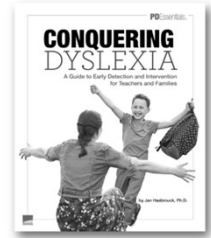
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CONQUERING Dyslexia

A Guide to Early Detection and Intervention for Teachers and Families

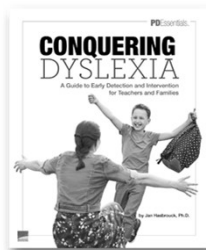
Jan Hasbrouck, Ph.D.

- Ch. 1 What is Dyslexia?
- Ch. 2 What are the Signs to Look For?
- Ch. 3 How is Dyslexia Diagnosed?
- Ch. 4 Teach Students to Read: HOW
- Ch. 5 Teach Students to Read: WHAT
- Resources for Dyslexia
- Glossary & References



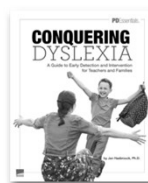
Benchmark Education
PD Essentials
www.benchmarkeducation.com

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How this book come to be...

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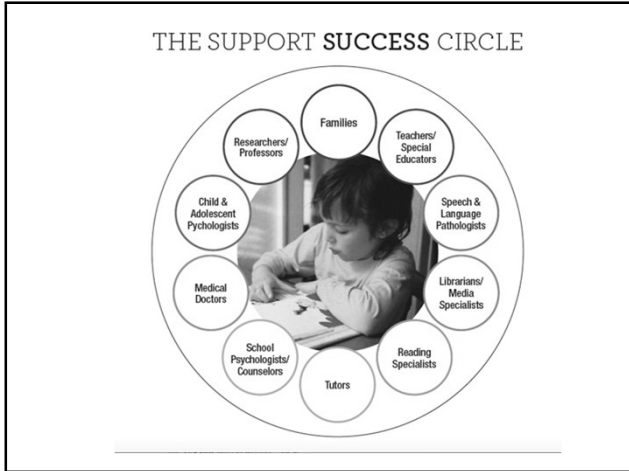
References:
12+ pages!

Key Reference:

Fletcher, Lyon, Fuchs, & Barnes

Learning Disabilities: From Identification to Intervention
2nd Edition (2019). NY: Guilford Press.

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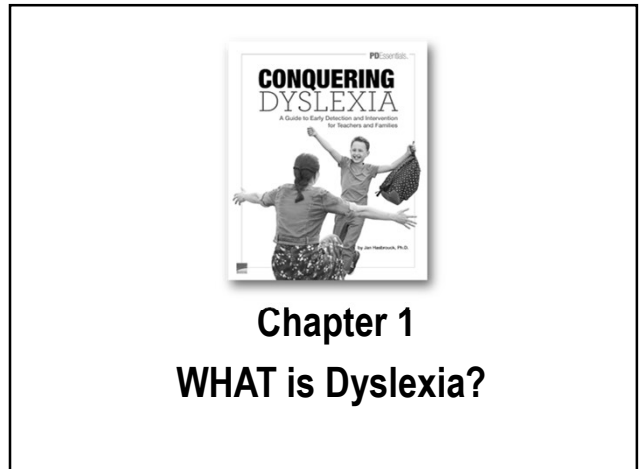
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Defining Dyslexia

page 11

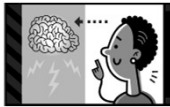
"Dyslexia is a specific learning disability that is neurobiological in origin. It is characterized by difficulties with accurate and/or fluent word recognition and by poor spelling and decoding abilities. These difficulties typically result from a deficit in the phonological component of language that is often unexpected in relation to other cognitive abilities and the provision of effective classroom instruction."

The International Dyslexia Association

Discussed more in Chapter 3...

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Dyslexia?



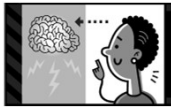
10 Dyslexia Myths

Pages 21-22

- Reversals b/d p/q
- Text moves on the page
- Reading backwards
- Eye or vision issues
- Boys more than girls
- Need to try harder

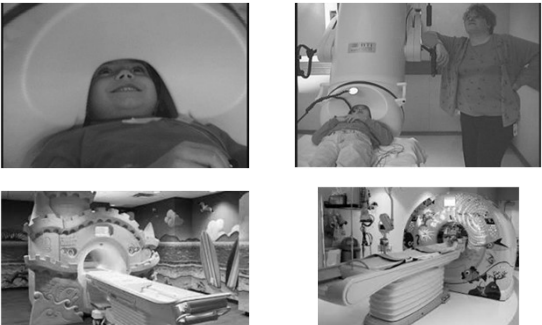
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Dyslexia Research



Medicine	Psychology & Education
<ul style="list-style-type: none">• Neuroanatomy• Neurobiology• Pediatrics• Developmental cognitive neuroscience• Ophthalmology & optometry	<ul style="list-style-type: none">• Cognitive psychology• Educational psychology• Special education• Developmental cognitive psychology• Audiology & speech pathology

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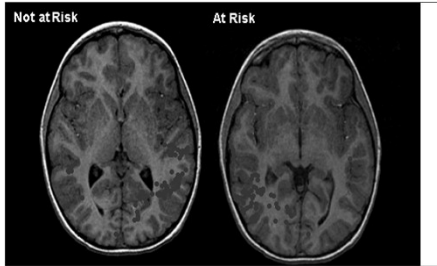


Magnetic Source Imaging

Magnetoencephalography
Functional magnetic-resonance imaging

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5 Year Olds Before Learning to Read



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Dyslexia Research

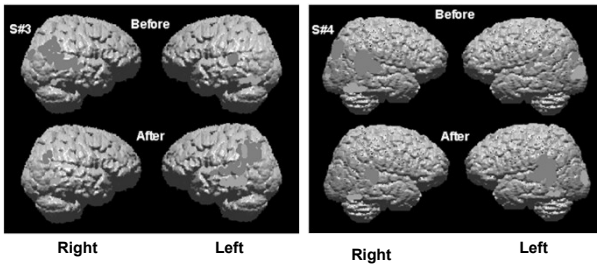


"Dyslexia-specific brain activation profile becomes normal following successful remedial training 8 children with severe dyslexia" (2002). Simos et al., *Neurology*

8 students; 7-17 years old
8 week intense phonologically-based intervention
2 hours a day = up to 80 hours of instruction

"Findings suggest that the deficit in functional brain organization underlying dyslexia can be reversed after sufficiently intense intervention lasting as little as 2 months..."

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15 year old

10 year old

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Defining Dyslexia



- Not a visual/spatial issue:

Blind children learn to read with relative ease

Deaf children have tremendous difficulty learning to read

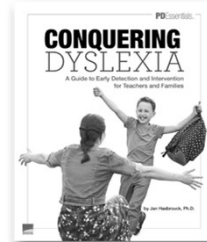
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Defining Dyslexia

- Not a visual/spatial issue: **AUDITORY**
- Varies in intensity and impact (mild to severe)
- Genetic
- Can affect speaking fluency (processing, storing, accessing)
- Emotional consequences; confidence
- Perhaps 15% of the population (?) p. 19
 - 3% to 20% Elliott & Grigorenko (2014)
 - 1% to 15% (Fletcher et al., 2019)

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Chapter 2

What Are the Signs to Look For?

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Early Intervention

Page 37

Good news...

- Early identification PLUS
- Early & appropriate intervention EQUALS:
 - “Overcoming” dyslexia (Shaywitz, 2003)
 - “Preventing” dyslexia (Fletcher et al., 2019; Gaab, 2019)

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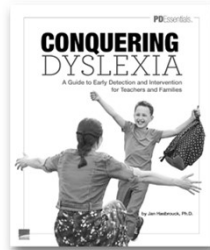


Tweet from Dr. Nadine Gaab @GaabLab
October 9, 2020 5:55 PM

Keep in mind that all children who struggle with learning to read need evidence-based interventions regardless of the cause of their struggle, their school's or parent's resources, their skin color, & whether they have a #dyslexia diagnosis or not. Our task is to make this happen.

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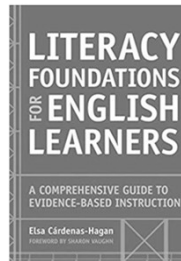
“The question is:
How can we help
anyone who struggles
with reading, writing,
and spelling regardless
of the presumed
cause?” p. 19



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English Learners & Dyslexia

Pages 38-39



Elsa Cárdenas-Hagan
Editor

2020

Forward by Sharon Vaughn

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Emotional, Behavioral, & Social Impacts

Pages 41- 47

Noah

18 year old HS senior

Dyslexic (Reading 4th gr level; Spelling 3rd gr)

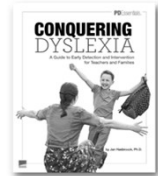
Page from his daily ELA journal (p. 48)

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Parent Activism!

The Learning Spark blog (January 10, 2020)

Healing Depression Through the
Science of Reading



“We [parents] witness the effects of poor reading instruction every day. There is a reason we are so passionate, so angry, so committed. Our children are in pain. They are haunted. Some have given up...”

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Sam



Sam was a joyful baby, toddler and preschooler.

[A]voidance behaviors began as early as kindergarten.

[F]ull-on tantrums each night.

My joyful little boy was now joyless.

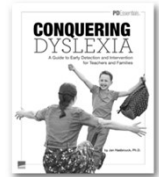
He hated school, had stomach aches every day...

Sam was quiet, well mannered, so managed to fly under the teacher's radar.

Fortunately, Sam was lucky enough to have a 2nd grade teacher who not only understood dyslexia but knew what to do about it.

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Parent Activism!



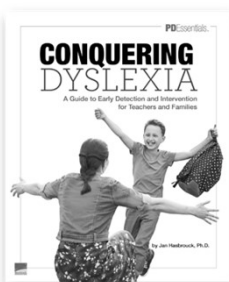
Dyslexia: A family disorder

"Decoding Dyslexia" groups

Resources pgs 160-162

Glossary pgs 179-192

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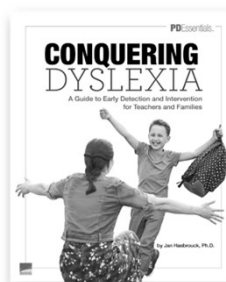
JOIN US! Facilitated Discussion Groups

Ch 1 & 2:
Read Washington

Tuesday 1/19 @ 8 PM EST/ 5 PM PST
Parent Discussion

Thursday 1/21 @ 8 PM EST/ 5 PM PST
Educator Discussion

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JOIN US! Chapter 3 How is Dyslexia Diagnosed?

Tuesday January 26
8:00 PM EST/5:00 PM PST

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