

ARC Centre of Excellence in Cognition and its Disorders (CCD)

Interdisciplinary and international collaborative research
in cognition, its disorders, and their treatment

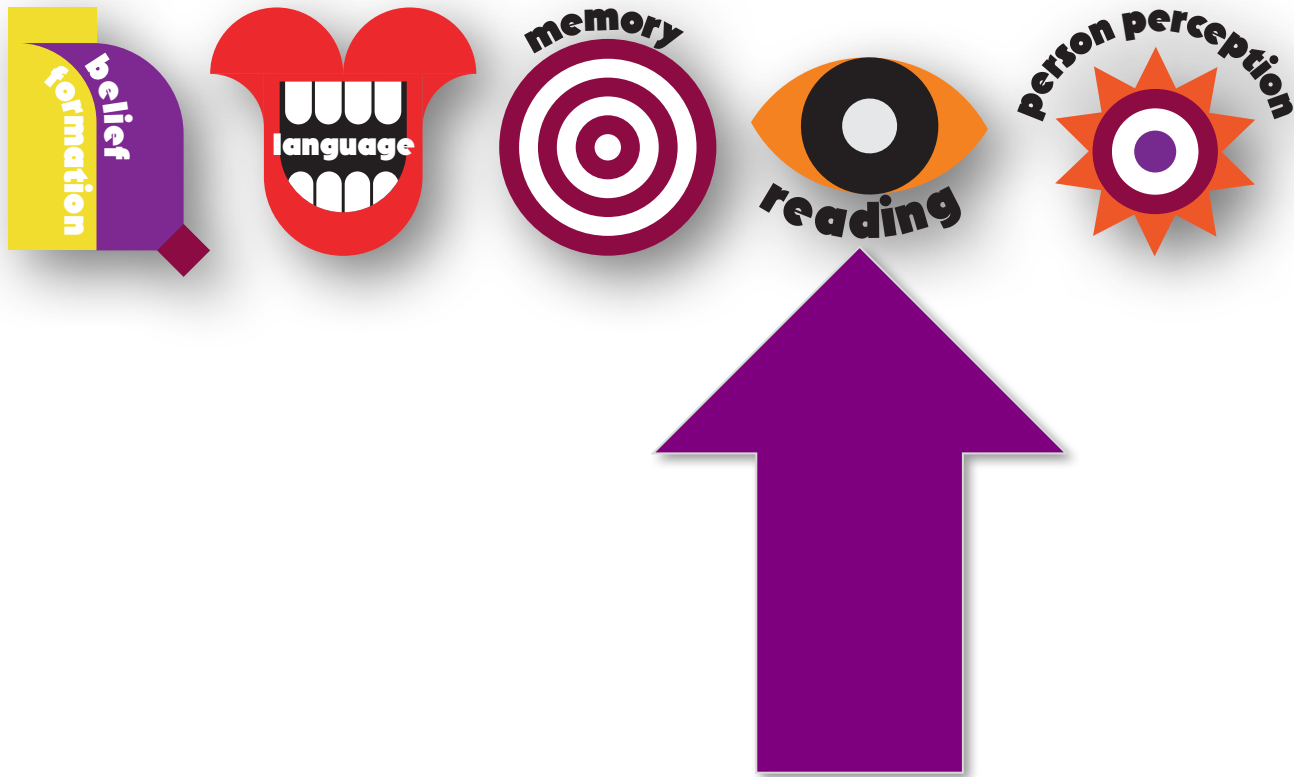
Centres of Excellence Scheme

- Flagship scheme of the Australian Research Council
- Prestigious foci of expertise through which high-quality researchers maintain and develop Australia's international standing in research areas of national priority
- \$21M over 8 years (2011 – 2018)

National and International Collaboration

- 14 Institutions
 - 5 national universities
 - Macquarie (host)
 - University of Sydney
 - UNSW
 - UWA
 - UNE
 - 10 international partner organisations

The CCD Programs



Who Are We?



- 5 CIs
- MQ, UNE

- 3 Pls
- Oxford, Tel Aviv

~ 20 Associate Investigators from round the world, + postdocs, students

Research Aims

1. Develop and extend detailed cognitive models of reading
2. Discover the basic mechanisms underlying learning to read
3. Understand reading and spelling disorders
 - Developmental
 - Acquired
4. Evaluate treatments of reading and spelling disorders

Impact and Outreach

- Numerous workshops and international visitors
- Policy input to both State and Federal Education ministers
 - Consultation on the 2017 trial of Australian *Phonics Screening Check*
- Representation on key bodies
 - Learning Difficulties Australia
 - NSW Centre for Effective Reading
- Strong presence in traditional and social media
 - *The Conversation*
 - Twitter
- Extensive test development, made available on our online platform *MOTIf*

Research Impact

www.motif.org.au



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Helping you help others

Targeted diagnostic tests of
key reading and spelling
processes

Available free and can be
administered and scored
online



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Tests

CC2

The Castles and Coltheart 2 (CC2) tests different processes in single-word reading.



TERC

The Test of Everyday Comprehension tests how well a person understands everyday reading tasks.



DiSTs

The Diagnostic Spelling Test for Sounds (DiSTs) tests if a person can represent sounds in English with the correct letters.



DiSTn

The Diagnostic Spelling Test for Nonwords (DiSTn) tests how well a person knows the sound-letter rules in English.



DiSTi

The Diagnostic Spelling Test for Irregular Words (DiSTi) tests how well a person can spell irregular words.



LIDT

The Letter Identification Test (LIDT) tests a person's letter identification knowledge.



LeST

The Letter Sound Test (LeST) tests a person's ability to sound out single letters and letter combinations.



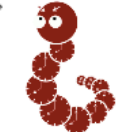
DiRT

The Diagnostic Reading Test for Nonwords (DiRT) tests a person's knowledge of letter-sound correspondences at the word level.



TOC

The Test of Orthographic Choice (TOC) tests a person's written word recognition.



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