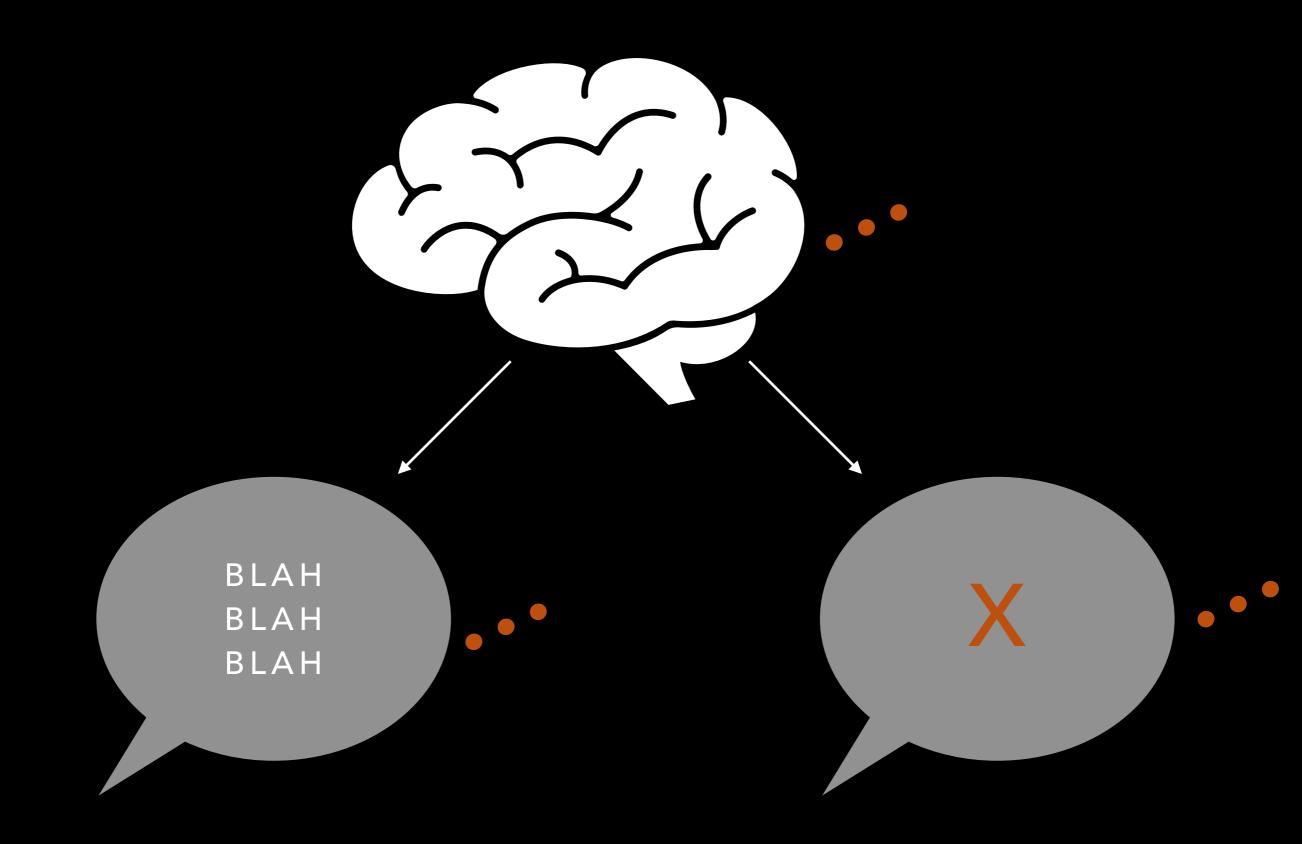


SALONI KRISHNAN

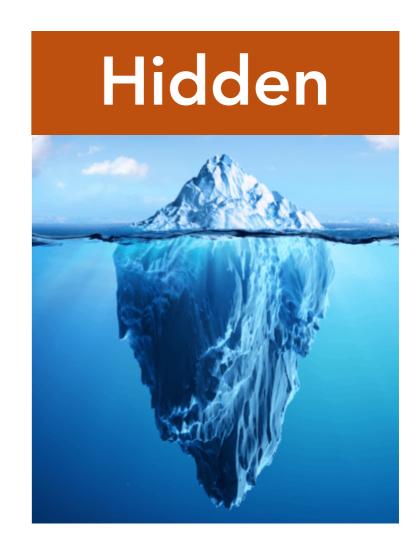
BRAIN ORGANISATION IN LANGUAGE DEVELOPMENT

MY RESEARCH FOCUS



DLD -DIFFICULTIES TALKING AND LISTENING







Negative Consequences

GUESS HOW OLD THE CHILD IS..







One day the boy in his orange shirt was feeding his fish called Larry
And his mum walked in

She took some money out of her purse and said to him 'You can go buy another fish if you want to keep Larry company'
So the boy

Who we're going to call Bob

Walked out of the house with the money and towards the pet shop

Fish in a tank and he's feeding him

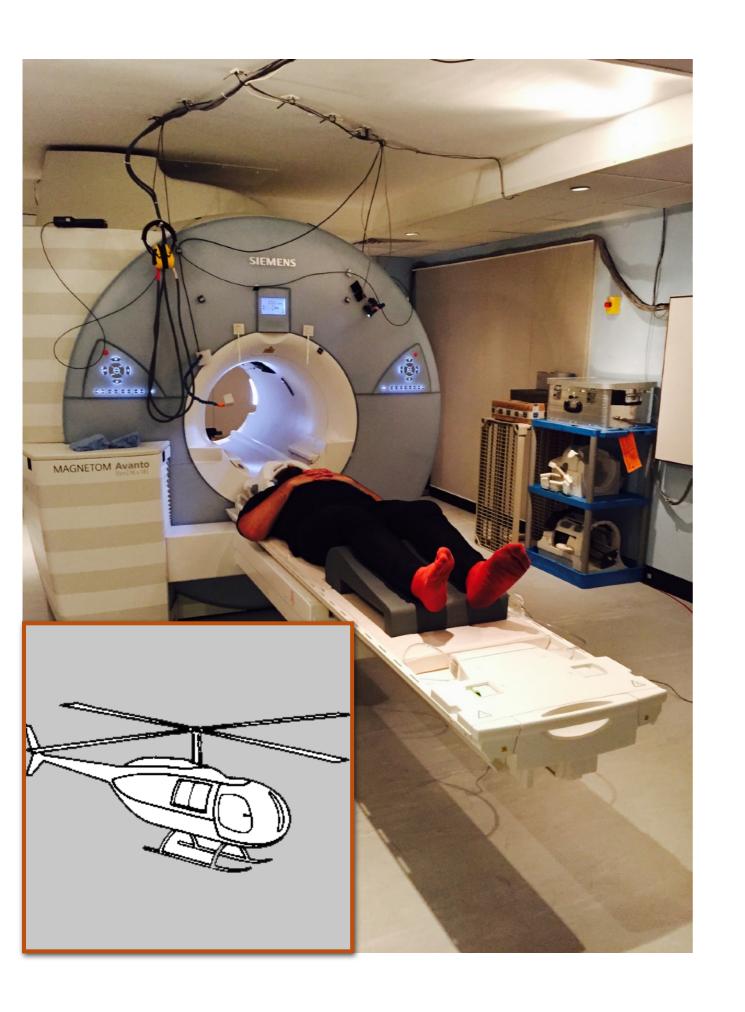
His mom is giving him some money
out of her purse
He's going to the shop maybe
He's walking down the street



AT THE CBCD

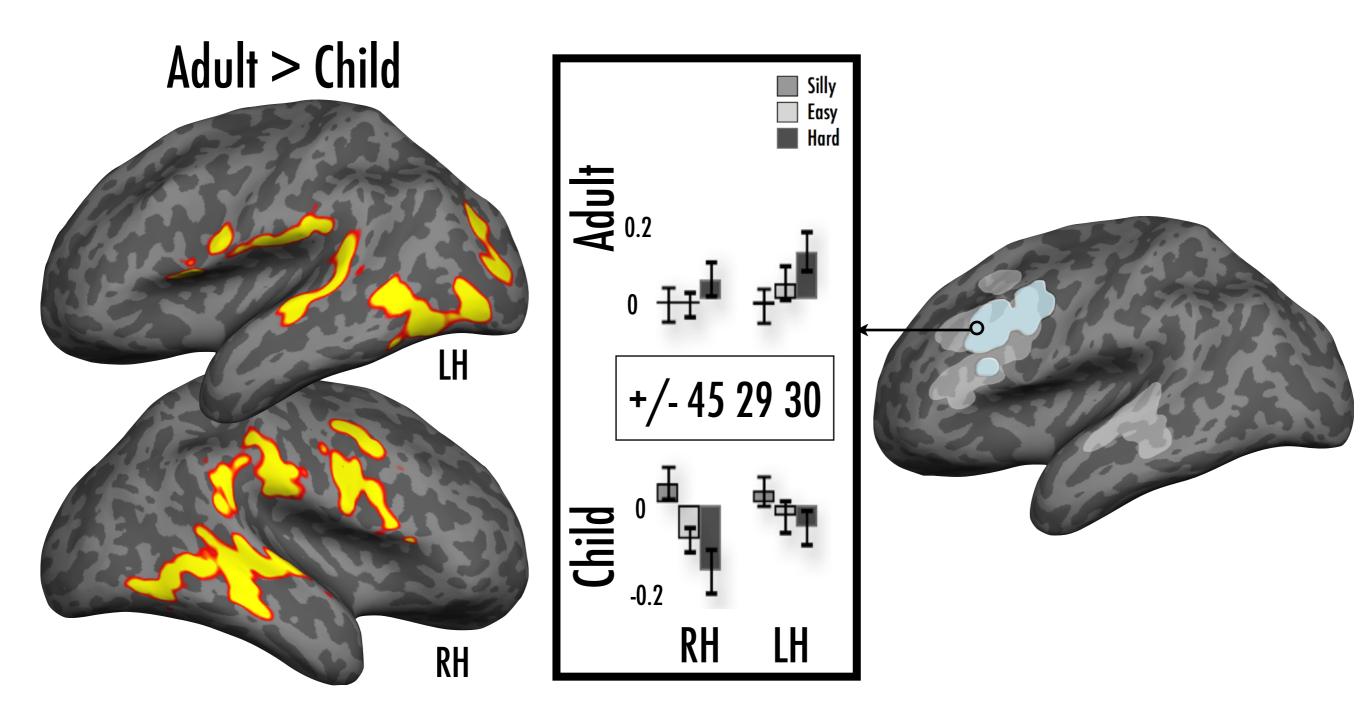












KRISHNAN ET AL., 2015, CEREBRAL CORTEX







LEAVING FOR A POSTDOC AT UCL

[2014-15]

- Motor expertise leads to increased recruitment of sensorimotor regions
- Only for the genre that musicians can produce
- Generation of sensorimotor predictions?
- Again, multiple ways that brains accomplish the same task

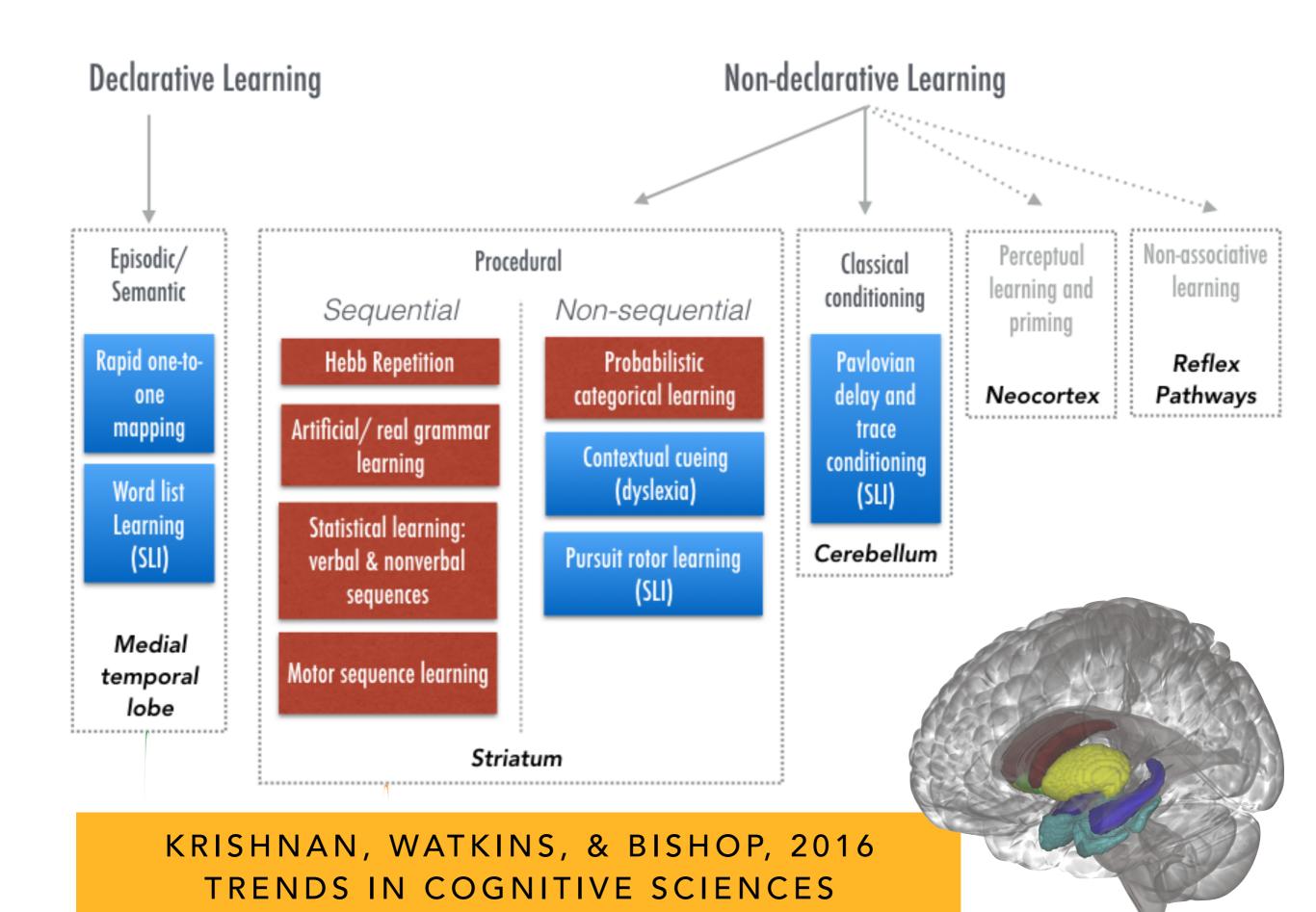


KRISHNAN ET AL., 2018, CEREBRAL CORTEX

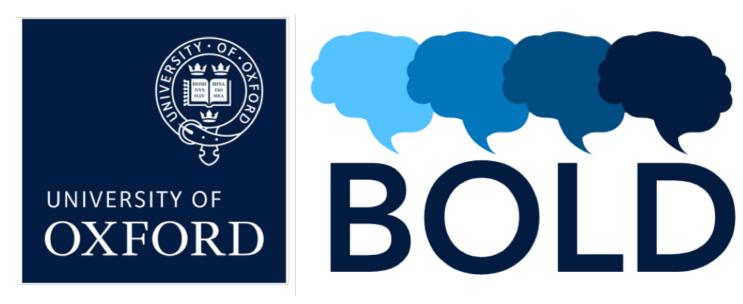


BRAIN BASIS OF DEVELOPMENTAL LANGUAGE DISORDERS [DLD]

- Adult model from aphasia doesn't apply DLD is not caused by gross lesions
- Inconsistent findings [few previous studies with limitations like small Ns]
- We need a theoretical basis for where and what to examine



THE BOLD STUDY - N = 160



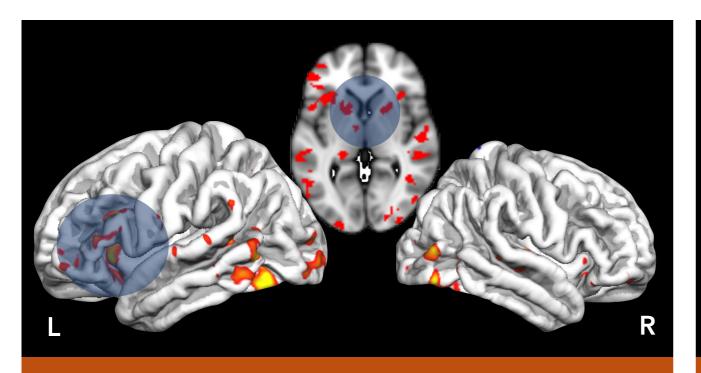
Brain Organisation in Language Development

MRC GRANT
KATE WATKINS & DOROTHY BISHOP

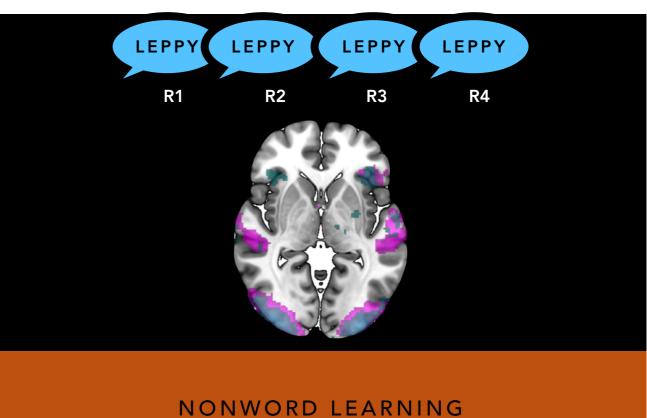
RESTING STATE FMRI -WORD PRODUCTION FMRI -WORD LEARNING

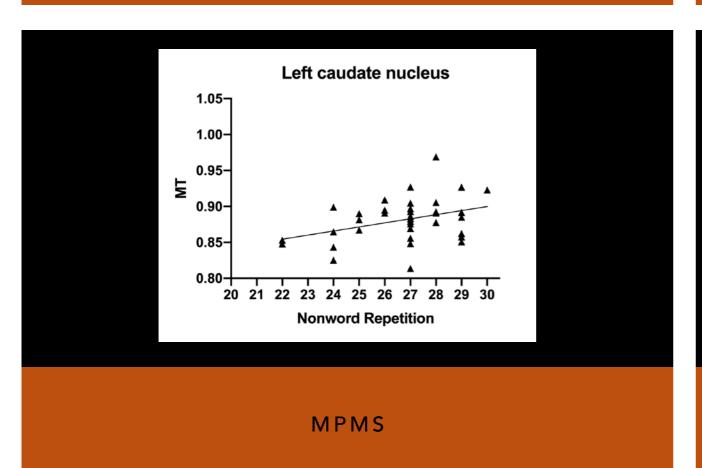
DIFFUSION

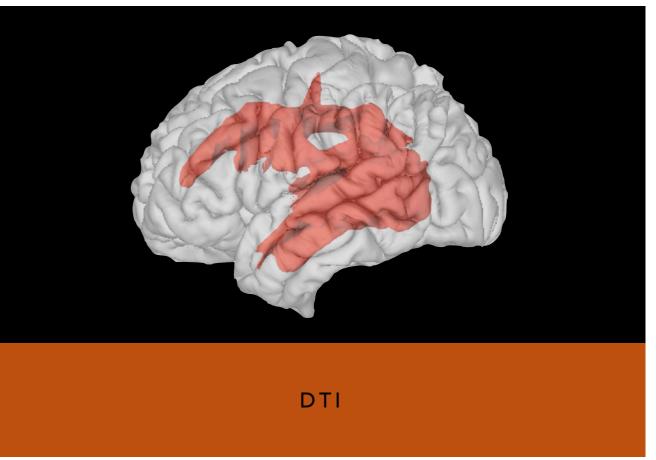
MPMS



KRISHNAN, SMITH, WILLIS, BISHOP, & WATKINS, STAGE 1 REGISTERED REPORT, NEUROIMAGE















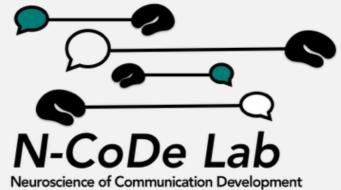
WHY DO WE LEARN WORDS?

- How do intrinsic motivation and reward play into word learning?
 - Understanding and modeling motivation
 - Reward perception in adolescence
 - The role of curiosity in word memory









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JOBS

ESRC FUNDED PHD STUDENTSHIP

PART-TIME RA POSITION