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## THE PSYCHOLOGY OF BABIES

THE SPECIFICITY OF ASSOCIATIONS
BETWEEN DIFFERENT ASPECTS OF PARENTING
AND DIFFERENT CHILD OUTCOMES

Lynne Murray NAIMH 2021 Copenhagen, Denmark Reading

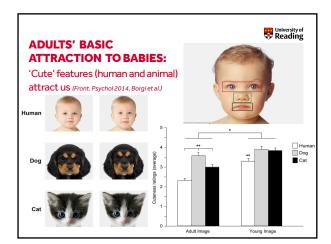
## BABIES ARE ENTIRELY DEPENDENT ON OTHERS FOR THEIR SURVIVAL AND DEVELOPMENT

- To make sure they receive the care they need, babies need to get into relationship with people who will be committed to them
- Both adults and babies are geared up for this

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ADULTS' BASIC ATTRACTION TO BABIES:

'INTUITIVE PARENTING' RESPONSES

Specific brain responses to 'baby' faces (like romantic attachments)

Stronger with own infant

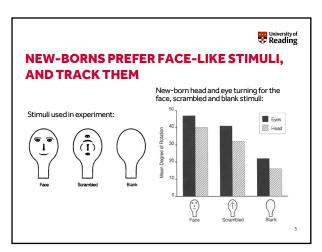
Hormones are involved- oxytocin

Specific behaviours set off:

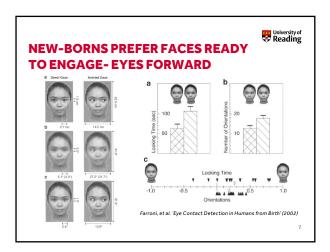
stereotyped greetingraise eyebrows,
open mouth, smile

voice changeshigh pitch, simple,
melodic

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#### **NEW-BORNS RAPIDLY PREFER THEIR CARERS**

- Their mother's face vs. someone else's
- Their mother's voice
- Their mother's odour

So, they quickly get into particular relationships, and this helps ensure good care

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## **YET.....**

- · While our 'biological preparedness' lays the foundations, relationships between babies and their carers vary markedly.
- This is important, since humans have to adjust to a great variety of environments

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#### THE BIOLOGICAL AND THE SOCIAL

- Babies and carers naturally equipped to forge relationships, and much parenting is intuitive, but are important variations:
  - -Cultural differences
  - -Varied backgrounds, e.g., poverty, educational opportunities





-Individual differences- in mental health, values, strengths and

**STUDYING DIVERSITY** 

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Studying parenting in different circumstances helps us understand its effects on child development and, if we want, equips us to change

- Cross cultural differences
- Parental depression
- Socio-economic adversity

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### **SPECIFICITY OF EFFECTS**

Different parenting practices are associated with different patterns of child development. Strengths in one area don't always predict strengths in others.

Useful to think of child development in different domains:

Social understanding

Emotion regulation and self-control

Attachment security

Cognitive development (e.g., attention, language)

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#### FIRST DOMAIN-SOCIAL UNDERSTANDING

'Theory of mind'

Self-awareness

Empathy

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Cooperation

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## **IMPORTANCE OF EARLY SOCIAL UNDERSTANDING**

Predicts

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- -later social understanding
- -social relationships

**SOCIAL UNDERSTANDING 1** Supported by:

3 months: mirroring

6 months: triadic play



9 months: sharing interest



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## **SOCIAL UNDERSTANDING 2**

Supported by 12 months





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talking about mental states



**SOCIAL UNDERSTANDING** 

Cross cultural differences

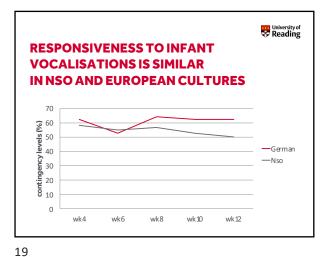
Individualistic vs. Affiliative

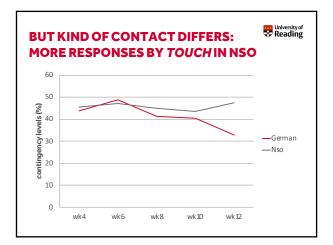


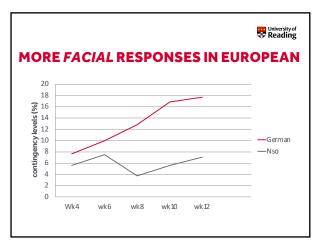
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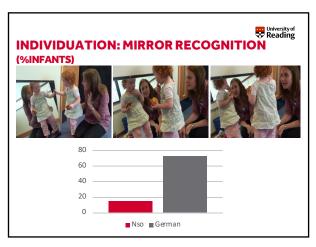


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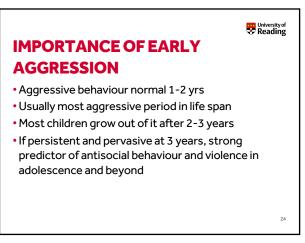






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University of Reading **SECOND DOMAIN EMOTION REGULATION** Self-regulation of feelings and states (e.g., distress, sleep) Management of aggressive impulses Overcoming inhibition Internalizing rules









POSTNATAL DEPRESSION - PND

•Common: HICs 10-15%; LMICs 35%

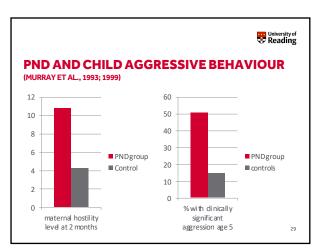
Incapacitating

Affects social relationships

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THIRD DOMAIN
ATTACHMENT

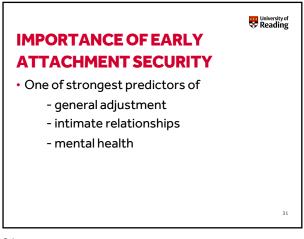
• Attachment defined as 'secure' or 'insecure'

• Secure babies and children

- Aware of their dependency

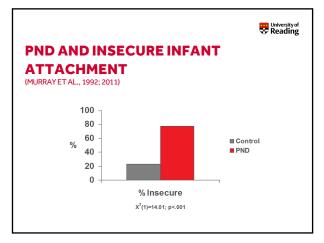
- Trust carer is available and responsive when needed

- Balance contact-seeking and exploration

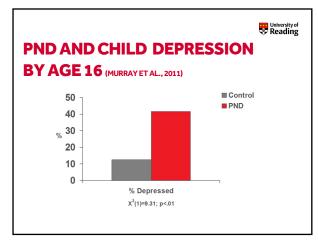


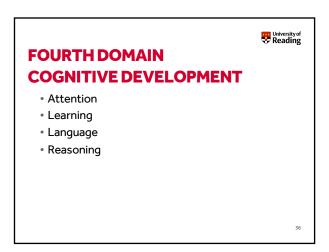






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# IMPORTANCE OF EARLY COGNITIVE DEVELOPMENT

- Highly stable from infancy
- Predicts IQ in adolescence and adulthood
- Predicts academic achievements

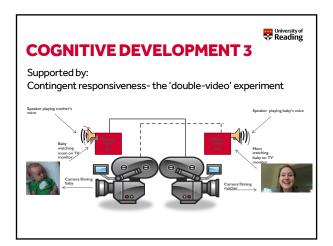
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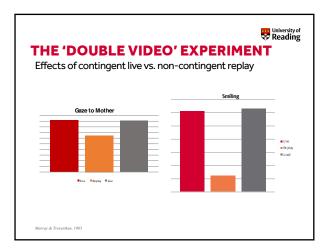




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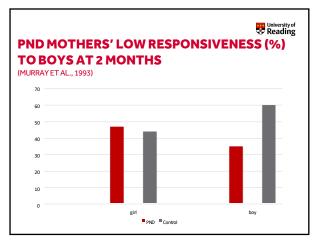


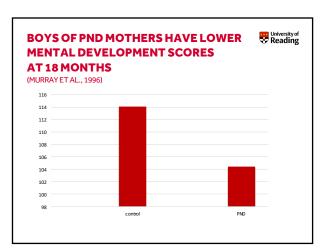


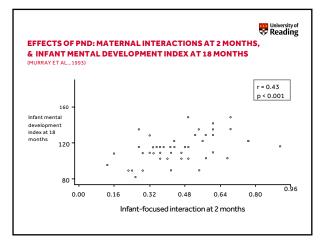


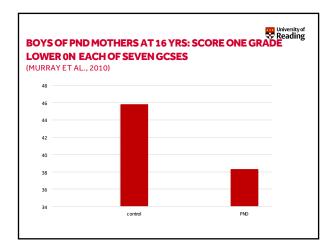


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Specificity of association between different parenting dimensions and different child outcomes:
implications for assessment and for interventions



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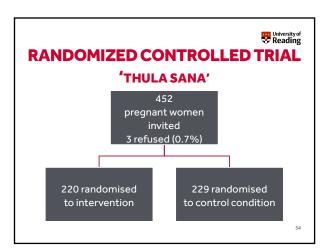
INTERVENTIONS
INKHAYELITSHA, ATTACHMENT

Our epidemiological work in Khayelitsha had shown high rates of

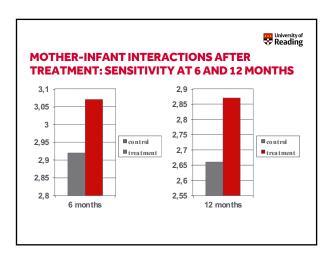
-maternal depression

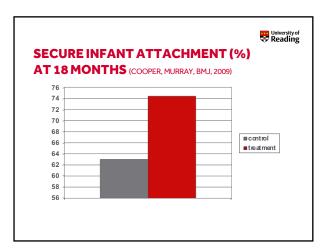
-mother-infant interaction difficulties

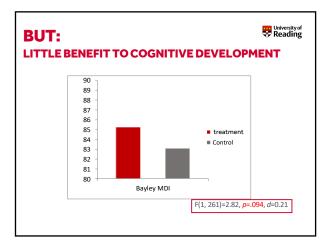
-insecure infant attachment



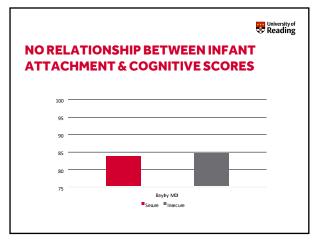


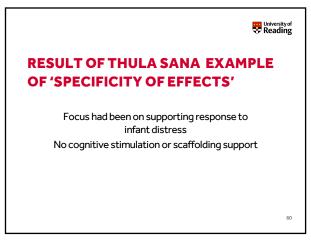






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## **EARLY LITERACY IN SOUTH AFRICA**

- Boston School of Education, 2007 review of 40 countries:
   South Africa at the bottom of the performance table
- Department of Basic Education, 2011:
   58% SA 9 yr olds not achieving acceptable performance level.

Widespread recognition needs urgent attention

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## **END OF PART ONE**