CHDV 242

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Developmental Neuroscience

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I. As a "theoretical" approach
A. Assumptions

B. Methodology
1. Dev Neuroscientists ask questions like..
2. Techniques

C. Some Interesting findings…
- Principles

II. Evaluation and Discussion
1) What contribution do you see Developmental Neuroscience making to the study of development? How might the findings of DN studies aid us/affect other theoretical approaches?
2) Consider whether causal relationships are present here. Are associations between brain changes and cognitive changes indicative of causality?
3) What limitations do you see in using this approach?

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Emotional/Self Development

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I. Temperament
A. Models of temperament
1. Thomas & Chess
2. Rothbart
3. Buss & Plomin

B. Measurement of temperament

C. Research on temperament
1. stability
2. heritability
3. Temperament as predictor

D. Social/Environmental influences
- goodness of fit
- Family environment predicts changes in temperament (Belsky)
- Niche-picking

E. Student presentations

F. Future directions

II. Emotional Development
A. Discussion
- What is emotion? According to Thompson, what are the components of emotion development (What develops)?
- What are the functions of emotions? What do they "do" for us?

B. Emotion and cognition

C. Emotion and relationships

III. Self - Discussion
1) Describe the developmental progression of the development of self.
2) Self, emotion, temperament all contribute to "personality". What is personality? Why would it be important to be able to predict to adult personality?
3) Discuss the cultural context for development of emotion, self, and temperament. In what ways does culture create diversity in these domains?