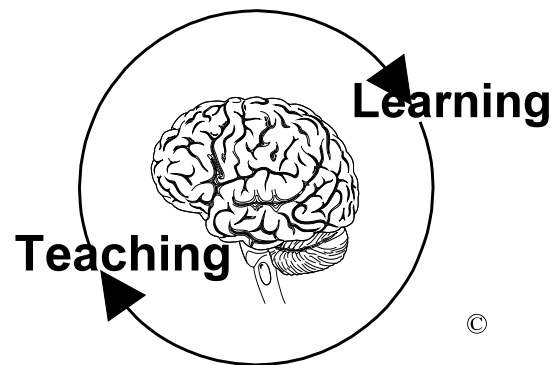


# *How the Brain Influences Behavior*

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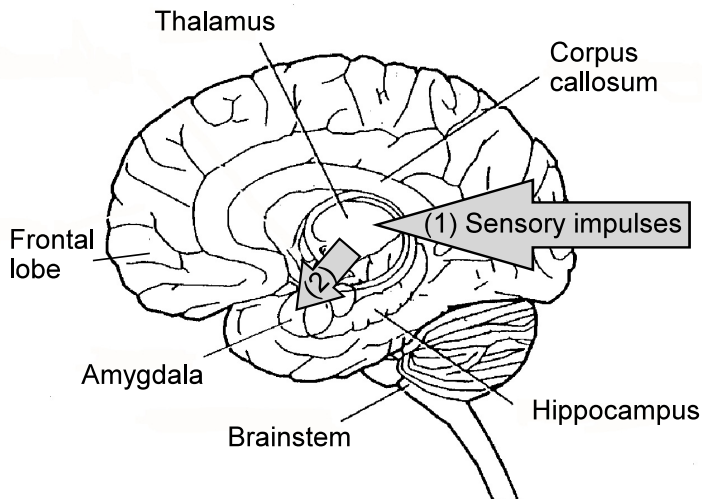


Arizona Association for Gifted & Talented  
36<sup>th</sup> Annual Conference  
Black Canyon Conference Center  
Phoenix, Arizona  
February, 3-5, 2010

**Presenter:**  
**Dr. David A. Sousa**  
**Educational Consultant**  
**Palm Beach, Florida**  
**561-586-6776**  
**Email: [davidsnj@aol.com](mailto:davidsnj@aol.com)**

NOTE: As a courtesy to fellow participants and the speaker, please turn off audible cell phones and beepers. Thank you.

# DECIDING ON EMOTIONAL RESPONSES



Thalamic Pathway:

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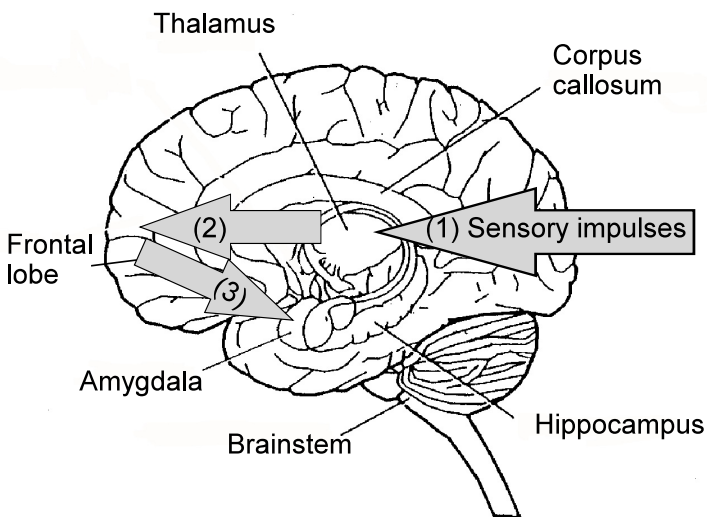
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Cortical Pathway:

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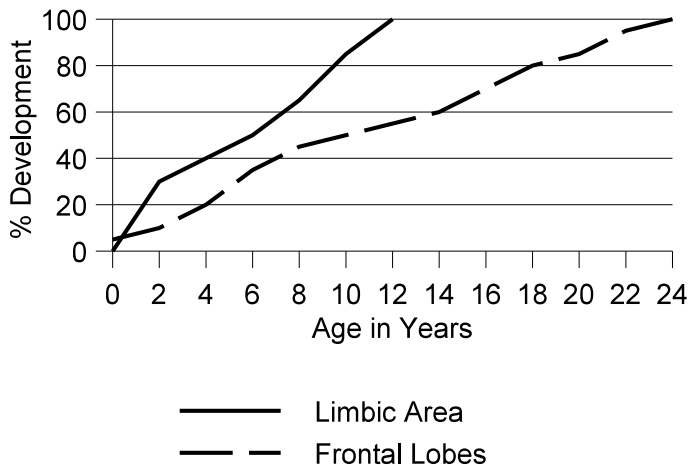


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Development of the Brain's Limbic Area and Frontal Lobes



Notes:

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**BEHAVIOR PROBLEMS WITH GIFTED INVOLVE:**

- \_\_\_\_\_
- \_\_\_\_\_

**Social Interactions:**

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

**Interventions for Social Misbehavior:**

- ✓ \_\_\_\_\_
- ✓ \_\_\_\_\_
- ✓ \_\_\_\_\_
- ✓ \_\_\_\_\_
- ✓ \_\_\_\_\_
- ✓ \_\_\_\_\_
- ✓ \_\_\_\_\_
- ✓ \_\_\_\_\_

Implications for my job role:? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Learning Disability:**

- \_\_\_\_\_
  - \_\_\_\_\_
  - \_\_\_\_\_
- \_\_\_\_\_
  - \_\_\_\_\_
  - \_\_\_\_\_
- \_\_\_\_\_
  - \_\_\_\_\_
  - \_\_\_\_\_

**Helping the Twice-Exceptional Student:**

- \_\_\_\_\_
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  - \_\_\_\_\_
  - \_\_\_\_\_

Implications for my job role? \_\_\_\_\_

\_\_\_\_\_