Affect Generation Processes

Cognitive/Attentional Situational Appraisal **Biases** Representations Bias toward recalling emotionally Is there something I am perceiving, remembering, or congruent memories. imagining that is: Bias toward interpreting sensory Novel? input in positively or negatively Relevant to my current concerns? valenced ways. Congruent or incongruent with my current Bias toward attending to positively goals? or negatively valenced percepts. • In or out of my control? Bias toward choosing emotionally Perceptual Consistent or inconsistent with my learned congruent actions (e.g., motivating norms and values? Representations approach vs. avoidance). Provide a multi-level "description" of current, remembered, or imagined situations **Response Generation Body State** State of visceral organs and Initiates a change in: internal milieu (e.g., hormone · Current body state levels, inflammatory/immune • Current cognitive/attentional biases. processes, blood glucose levels, This can be in response to either: etc.) Situational appraisal representations, or Facial expression Innate/learned patterns of sensory input (e.g., **Body** posture classical conditioning).

Afferent Feedback to Central Nervous

System

Situational Appraisal Representations

- Is there something I am perceiving, remembering, or imagining that is:
 - Novel?
 - · Relevant to my current concerns?
 - Congruent or incongruent with my current goals?
 - In or out of my control?
 - Consistent or inconsistent with my learned norms and values?

Emotion Concept Representations

- What emotion category best describes my current state?
 - Sadness?
 - Anger?
 - Fear?
 - · Disgust?
 - Happiness?
 - Neutral?

Valenced Body State Representations

- Representations of:
 - Current state of visceral organs and internal milieu
 - Current facial expression
 - Current body posture
 - Desired body states and actions

Executive Control

- Selectively amplifies/maintains represented information within an integrated, consciously accessible state
- Allows for flexible use of information in deliberative, goal-directed decision-making processes

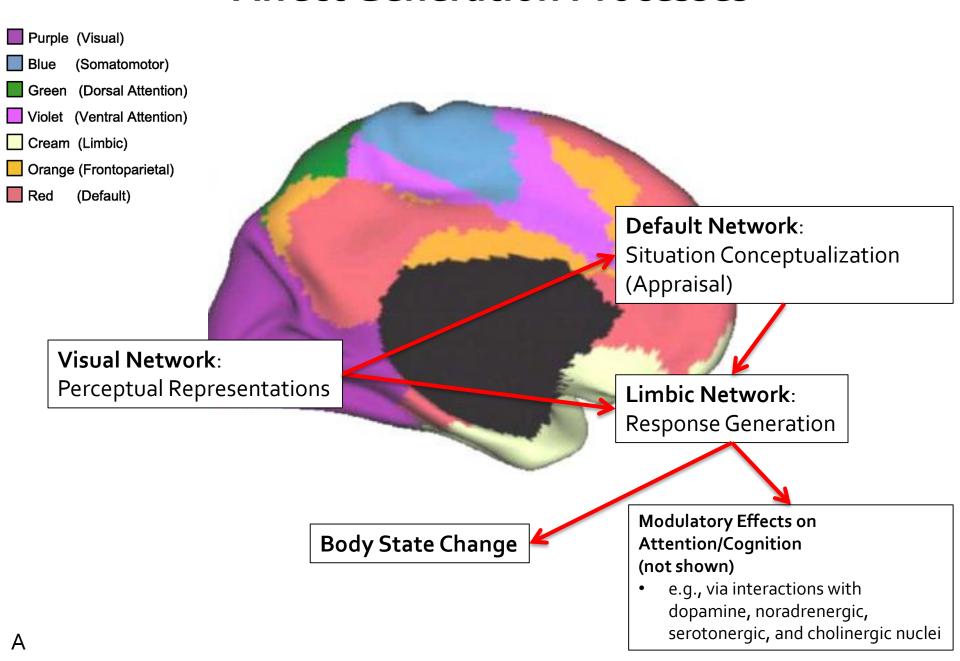
Action Selection Mechanisms

- Selects and initiates a skeletalmotor response
- Can be influenced by both consciously and unconsciously represented information

Efferent Motor Commands to Skeletal Muscle

Afferent Feedback from the Body

Affect Generation Processes



Affect Representation and Conscious Access

