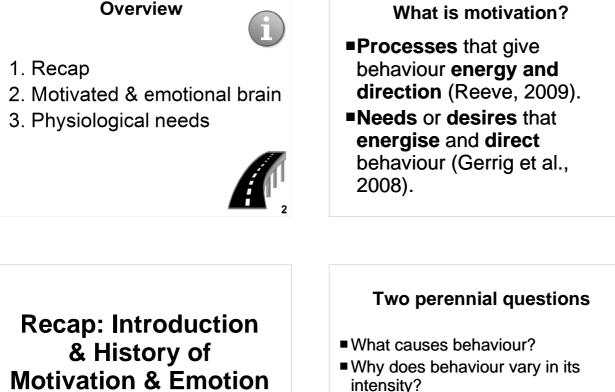


Learning outcomes

- 1. Drives and instincts
- 2. **Theories of motivation**, consciousness and volitional behaviour,
- 3. Self-control and self-regulation
- 4. Structure and function of emotions
- 5. Relationships between emotion and cognition
- 6. Regulation of emotions



3

(Lecture 01 - Ch 1 & 2, Reeve, 2009)

Based on Reeve (2009)

6

4

Four motivational sources

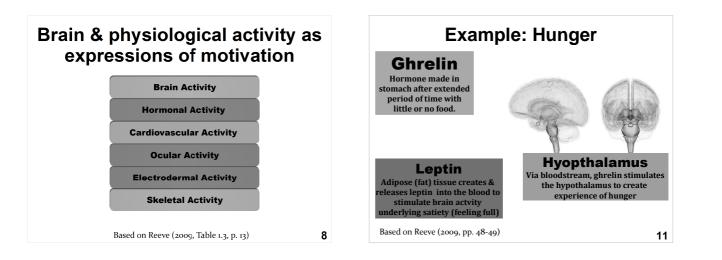
- Needs
- Cognitions
- Emotions
- External events

Four ways to measure motivation

- Behaviour
- Engagement
- Brain & physiological activations
- Self-report

The motivated & emotional brain

Reading: Reeve (2009), Ch 3



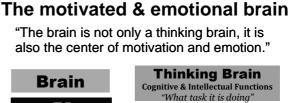
7

9

History of motivation

- 1. Will
- 2. Instinct
- 3. Drive
- 4. Incentive, arousal, discrepancy
- 5. Mini-theories
- 6. Contemporary era
 - 1. Active nature of the person
 - 2. Cognitive revolution
 - 3. Appied socially relevant research

Based on Reeve (2009, Ch 2, pp. 26-46)

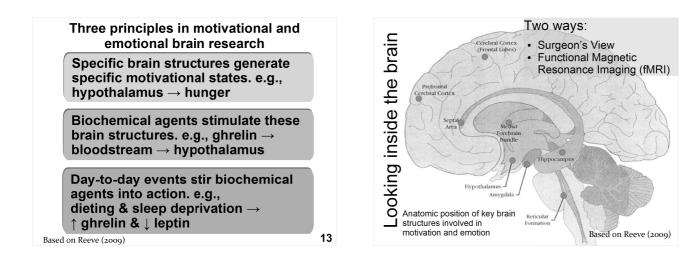


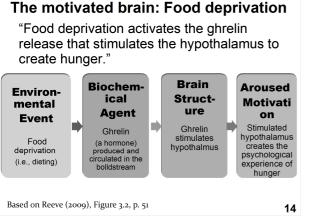


Motivated Brain "Whether you want to do it"

Emotional Brain "What your mood is while doing it

Based on Reeve (2009, pp. 49-50)





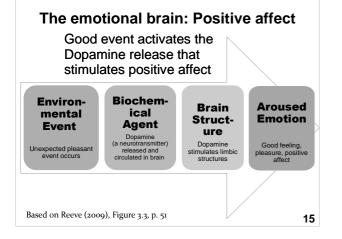


Medial Prefrontal

Cerebral Cortext

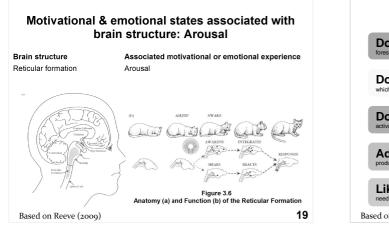
Learning response-outcome contingencies that underlie perceived control beliefs and mastery motivation

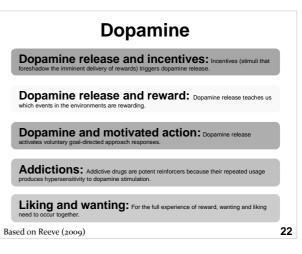
Based on Reeve (2009) Table 3.1



Motivational & emotional states associated with brain structure: Avoidance-oriented

Brain structure	Associated motivational or emotional experience
Right Prefrontal Cerebral Cortex	Withdraw motivational and emotional tendencies
Amygdala	Detecting and responding to threat and danger (e.g., via fear, anger, and anxiety)
Hippocampus	Detecting and responding to threat and danger (e.g., via fear, anger, and anxiety)
Based on Reeve (2009)	18



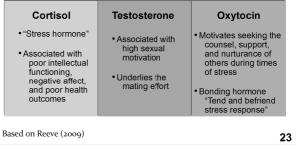


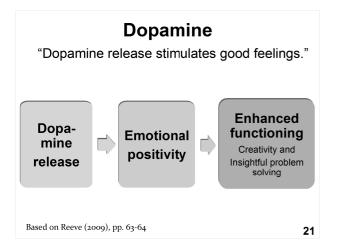
Neurotransmitter pathways in the brain Neurotransmitter pathway: A cluster of neurons that communicate with other neurons by using one particular neurotransmitter Four motivationally relevant neurotransmitter pathways Based on Reeve (2009) Dopamine Serotonin Norepinephrine

Endorphin

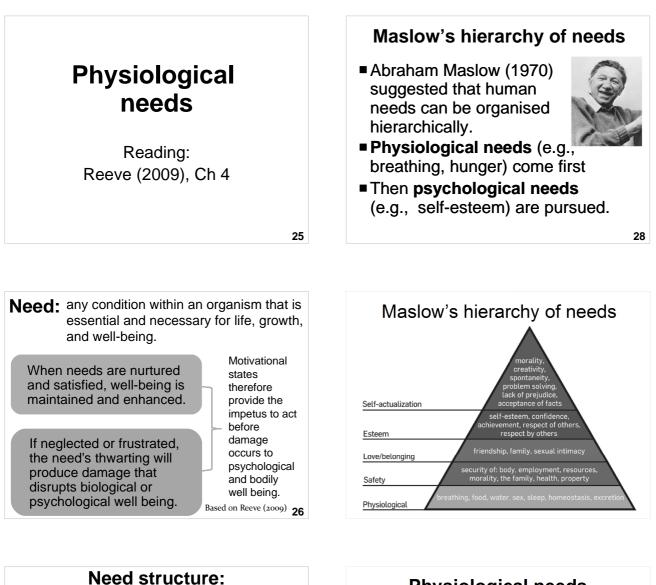
Hormones in the body

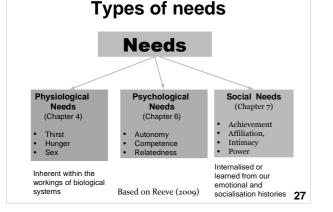
Essential hormones underlying motivation, emotion, and behaviour





The world in which brain livesMotivation Cannot Be Separated From The Social Context in Which It Is Embedded •Environmental events act as the <u>natural stimulators</u> of the brain's basic motivational process. We Are Not Always Consciously Aware of the Motivational Basis of Our Behaviour •A person is not consciously aware of why he or she committed the social or antisocial act.

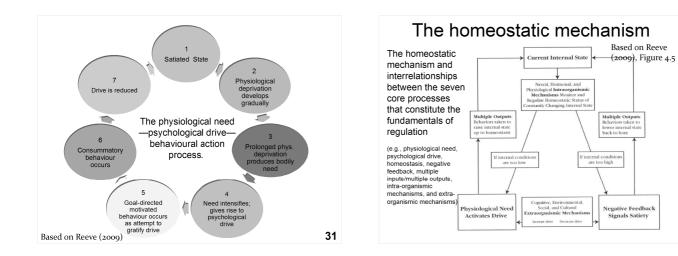


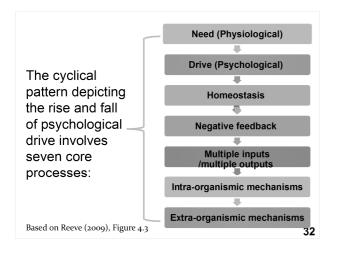


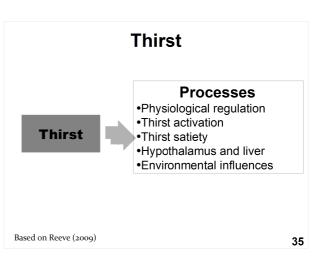
Physiological needs

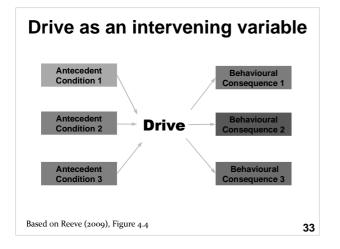
Inherent within the workings of biological systems.

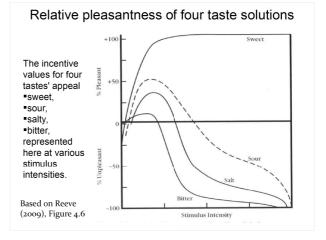
Thirst	Hunger	Sex
Thirst is the consciously experienced motivational state that readies the person to perform behaviours necessary to replenish a water deficit.	Hunger and eating involve a complex regulatory system of both short-term (glucostatic hypothesis) & long- term (lipostatic hypothesis, including set- point theory) regulation.	Sexual motivation rises and falls in response to a host of factors, including hormones, external stimulation, external cues (facial metrics), cognitive scripts, sexual schemas, and evolutionary process.
Based on Reeve (2009)		30

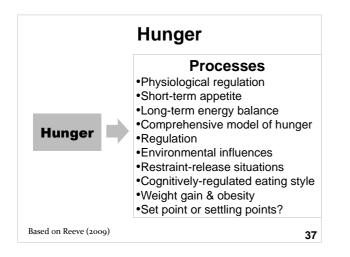


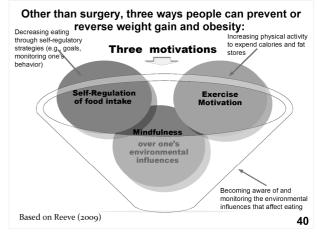


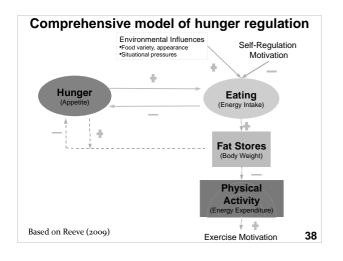


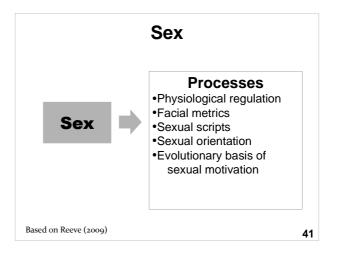






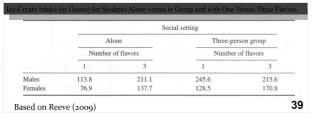


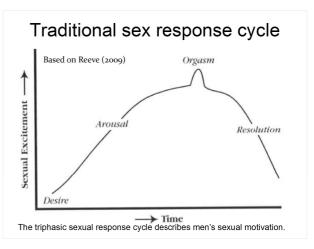


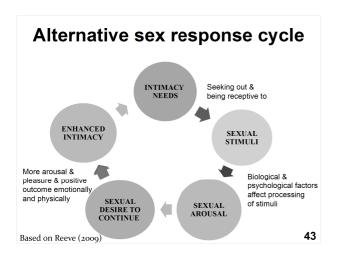


Environmental influences

- Environmental influences that affect eating behaviour the time of day, stress, and the sight, smell, appearance, and taste of food.
- •Eating behaviour increases significantly, for instance, when an individual confronts a variety of foods, a variety of nutrients, and a variety of tastes.

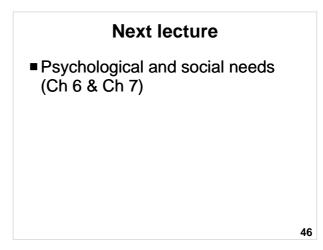






Gender differences in mate preferences

Variable	Men	Women	Gender Difference?
Physical Appearance			
Is good-looking	3.59	2.58	Yes, greater preference for men
Age			
Is younger than me by 5 years	4.54	2.80	Yes, greater preference for men
Is older than me by 5 years	4.15	5.29	Yes, greater preference for women
Earning Potential			
Holds a steady job	4.27	5.38	Yes, greater preference for women
Earns more than me	5.19	5.93	Yes, greater preference for women
Has more education than me	5.22	5.82	Yes, greater preference for women
Other Variables			
Has been married before	3.35	3.44	No significant gender difference
Has children	2.84	3.11	Yes, greater preference for women
Is of a different religion than me	4.24	4.31	No significant gender difference
Is of a different race than me	3.08	2.84	Yes, greater preference for men

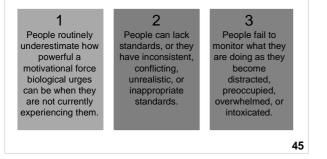


References				
Gerrig, R. J., Zimbardo, P. G.,				
Campbell, A. J., Cumming, S. R.,				
& Wilkes, F. J. (2008). Psychology				
and life (Australian edition).				
Sydney: Pearson Education				
Australia.				

 Reeve, J. (2009). Understanding motivation and emotion (5th ed.).
 Hoboken, NJ: Wiley.

Failures to self-regulate physiological needs

People fail at self-regulation for three primary reasons



Open Office Impress

- This presentation was made using Open Office Impress.
- Free and open source software.
- <u>http://www.openoffice.org/product/impress.html</u>



48