Lecture 21 Stress and Health
Why don't zebras get ulcers?
Life of zebrous very stressful — water, tigers, death
Basics of Stress
* Stress - response of body to demand of change Getting up > Going out in the cold
* Types - Acute Physical Stressors
* Types - Acute Physical Stressors > Get punched
- Chronical Physical Stressors
- Hunger Zebra don't have this
- Psychological & Social Stressors
> Stress about possibilities in future
→ Midterms → Applications
* Responses Sympathetic: digestion & heart rate 1 blood to muscles 1
growth & reproductive & immune system & so that you can escape
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Parasympathetic: opposite
* Three stages of Stress
1. Alarm — body reacts 2. Resistence — temporarily rebalanced depletion 3. Exhaustion — resource depletion Consistent stress: low digestion all the time, resource depletion
2. Resistence - temporarily rebalanced depletion
* On brain: dendroids pull away worse memory (hippocamons)
Vicious eycle more regative association more etress (amygdala)
→ Psychogenic Dwarfism — so stressed that ppl don't grow.
> Stress > more likely to get sick.

#1

* Type A vs type B personalities	
- Type A: need efficiency, trouble relaxing, need pressured - Type B: not need activity, low stress environment.	~ e
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k Measuring Stress	
- Cortisol	
- Ulcers	
- Psychophysilogy (GSR, blood pressure, etc.)	
- Questioneers	
Coping with Stress	
* Reducers of Stress	
- Predictability	
→ Shocking rat	
- Shock with warning - some stress but low a	
interestingly - Shock without warning - high stress	
- Can pull lever to stop - mid stress 1] the shock after warning	
- Perceived Contrd	
→ Old ppl care place asile de vieillards	
- allowed to set up bedroom let them - Lower death nate!!	
- set up room already, Less happier schedule movie for them higher death rate!!	
- Attribution Styles	
- External "Bad weather" - Less stressful	
- Internal "I'm stupid" - More stressful	

#2

- Social Support
 - Tangible money, shetter, food
 - Intangible comfort, support, advice
- Meditation -> David Creswell here at CMU expert on that!
- Exercise
- Cognitive reapprecisal rethink in grand scheme of thing
- Social comparison at least better than some & lumin
- Humour

#3 Placebo Effects

We have bots of control over our body

> Effect of medicine in head!

Believe that something heals heals.

- > The more expensive the placebo, the more effective it is
- -> Side effect listing also has placebo effective!