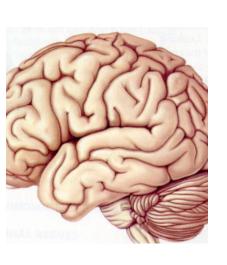
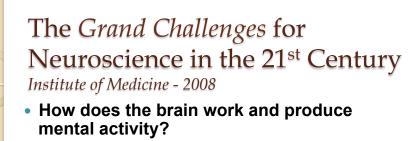


Introduction to Biological Psychology

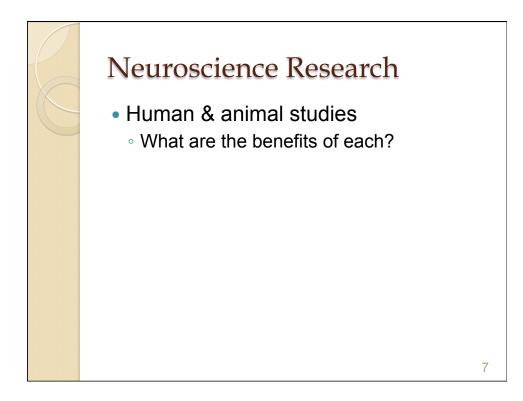
- Neuroscience Research
- Neuroscience History
 - Monism vs. Dualism
 - What can modern neuroscience tell us?

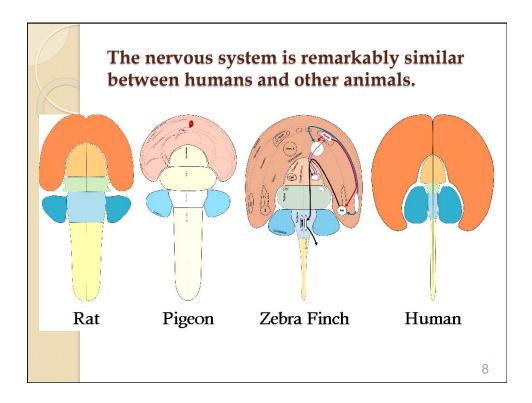




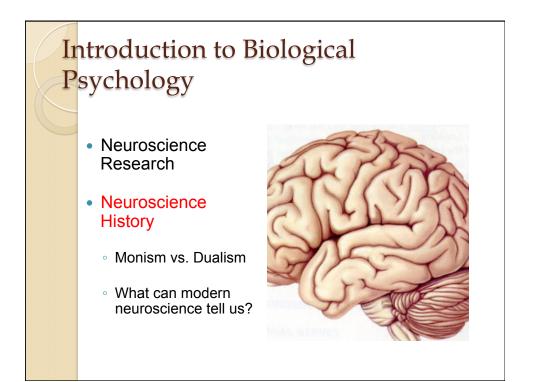
- How does physical activity in the brain lead to thought, emotion, and other behaviors?
- Nature and nurture: How does the interplay of biology and experience shape our brains and make us who we are today?
- How do we keep our brains healthy?
 - How do we protect, restore, or enhance the functioning of our brains as we age?

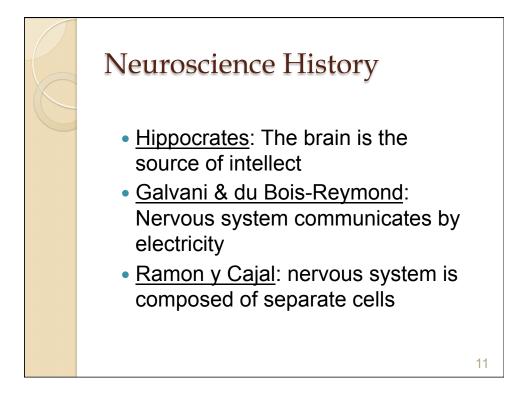
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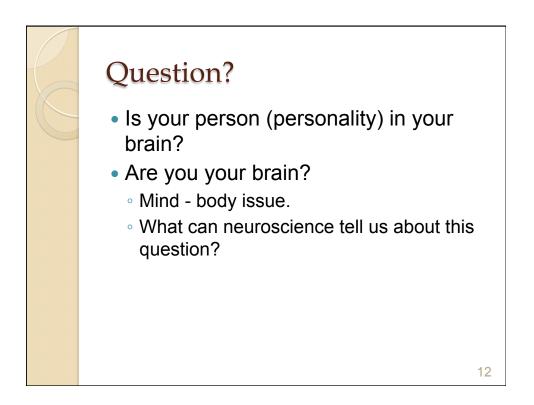








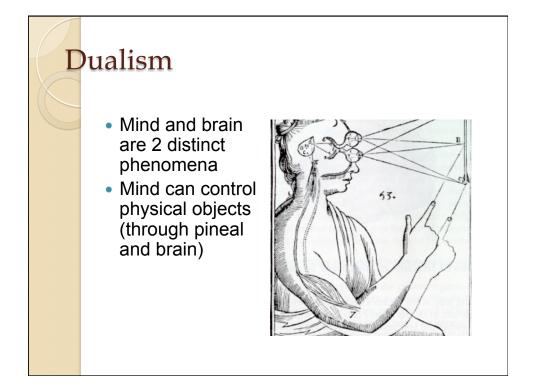




Dualism

- Rene Descartes'
 experiences
- Dualism:
 - Humans = physical bodies and nonphysical minds, or souls
 - Mind is not physical, so it can't be studied

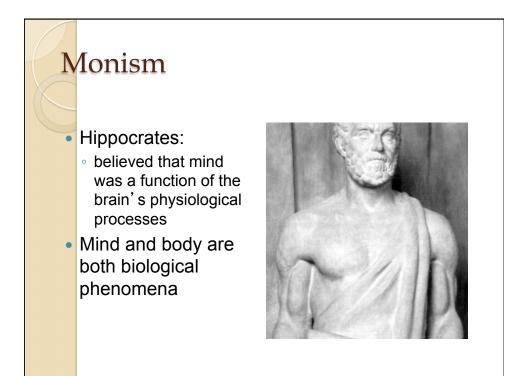




Dualism

- Free will:
 - $^{\circ}$ We can choose to do what we wish
 - Mind is not constrained by body
 - $^{\circ}$ Mind tells brain what to do

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Monism

- Mental states are just physiological states of the brain
- Mind is a phenomenon produced by the workings of the body – emerging from brain
- If we could fully understand the workings of the body, we could understand mind/soul as well as how we think, perceive, remember and act.

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