MOODLE

FUNCTIONAL ANATOMY of the BRAIN

How can the metaphor of brain as a highly coordinated complex of commercial activity explain how language gets processed in the brain? What are the components of this activity?

What does an increase of blood oxygenation in the brain in response to particular language stimuli indicate? Why weren’t hemodynamic responses to motion verbs identical for all the verbs?

What do the concepts of distribution, sharing resources and coordination entanglement indicate about how language is interrelated with general cognition?

Into what strains of knowledge is producing and receiving sounds divided? What about words and sentences? What does it indicate about their function?

How do you understand the assertion that functions to which language is put are visible in the images produced by magnetic resonance and that each of these functions (e.g. reading, word recall, thinking abt st., etc.) represents a intertwined system of neural tracts that “light up” (form images), depending on the place, time and intensity of oxygenized blood?