

Class Meeting 8

March 29

Theme: **The Neuropsychology of Affect;
The Emotional Brain**

CLASS NOTES:

Neurobiological aspects of affect:

Organisms as congeries of systems within systems; of atoms within molecules within macromolecules within organelles within cells within tissues within organs, within organ systems, (pulmonary, cardiovascular, digestive, musculoskeletal, reproductive, nervous, central and peripheral (incl. autonomic) divisions, brains and spinal cords, triune mode of organization and development, within organisms within sociocultural contexts (families, groups, collectivities) within surrounding geopolitical jurisdictions and local, regional and global environments.

We discuss the distinction between feelings and emotions as it relates to the neuropsychology of affect and look more closely at some earlier contributions to our understanding from the Ancient Egyptian embalmers, including the Ancient Greek physicians (Hippocrates and Alcmaeon) and philosophers, (Plato and Aristotle), the renaissance philosophers and scientists (Descartes and Pascal); and more modern thinkers (including Baruch Spinoza, Franz Josef Gall, John Harlow, William James, Sigmund Freud, Karl S. Lashley, Walter B. Cannon, Heinrich Kluver, John C. Fulton, James Papez, Paul MacLean, Daniel S. Lehrman, Donald O. Hebb. Hans-Lukas Teuber etc.