

Cognitive Neuroscience

“It would be naïve to suppose that people have only recently sought to relate behavior to brain function. What marks *cognitive neuroscience* as a new field for this endeavor are the *paradigms* developed in *cognitive psychology*, the study of *mental activity* as an *information-processing problem*.”

Cognitive psychology rests on the assumption that we do not directly perceive and act in the world. Rather, our perceptions, thoughts, and actions depend on *internal transformations or computations*”.

Gazzaniga, M.S., Ivry, R.B., & Mangun, G.R. (2002) *Cognitive Neuroscience: The Biology of the Mind* (2nd ed.). New York: W.W. Norton & Company. (p. 97)