In this talk I will present three techniques to enhance brain and cognition. First, we tested the idea that the administration of the amino acid L-Tyrosine (TYR) repletes resources required for cognitive-control operations. Second, I will discuss the idea that transcranial Direct Current Stimulation (tDCS) and transcutaneous Vagus Nerve Stimulation (tVNS) may be two promising noninvasive brain stimulation tools in augmenting cognition.