Clinical Neuropsychology is a specialty profession focused on understanding brain function through systematic analysis of brain-behavior relationships. A clinical neuropsychologist is a doctoral-level, licensed psychologist with advanced expertise in how behavior and skills are related to brain anatomy and systems. Clinical neuropsychologists use this knowledge in the assessment, diagnosis, treatment, and or rehabilitation of patients with neurologic, medical, neurodevelopmental and psychiatric conditions, as well as other cognitive and learning disorders.

WHAT IS NEUROPSYCHOLOGY?

WHO NEEDS A NEUROPSYCHOLOGIST?

Patients are often referred to a neuropsychologist if they are having problems or changes in memory, concentration, language, reasoning, perception, coordination or personality. These can occur as a result of a brain injury, illness, disease, developmental delay or psychological issue.
A neuropsychological evaluation may help children with:

- neurological disorders such as spina bifida, hydrocephalus, cerebral palsy, epilepsy, neurofibromatosis, tuberous sclerosis, or a brain tumor.
- brain injuries from a trauma to the head, stroke, lack of oxygen, or an infection.
- medical problems such as prematurity, diabetes, chronic heart or breathing problems, genetic disorders, or treatment for childhood cancer.
- exposure to lead, street drugs, or inhalants (carbon monoxide).
- exposure to alcohol, smoking, or certain drugs prior to birth.
- developmental or school problems such as a learning disability, attention-deficit/hyperactivity disorder, or autism spectrum disorder/pervasive developmental disorder.