

# Suter Science Seminars 2017-18

## Testing *Short Circuits*: Role of Neuropsychology in the Treatment of Pediatric Patients with Epilepsy

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4 p.m. Science Center, room 106**

Epilepsy is the most common neurological disorder affecting children. It has the potential to significantly alter neurodevelopmental progress and cause various cognitive, emotional and behavioral problems. Although medication can be effective in managing seizures in many children, some require more invasive surgical interventions. Neuropsychological assessment provides information about the impact of seizures on typical cognitive developmental processes and functioning, and can also assist in determination of risks associated with different surgical interventions. This talk will review the impact that epilepsy and various intervention strategies can have on cognitive development during childhood. It will also review some of the factors that contribute to the variability of cognitive outcomes.

Jennifer Koop, PhD, ABPP-Cn is a board certified clinical pediatric neuropsychologist and associate professor of Neurology and Neurosurgery at the Medical College of Wisconsin. She specializes in the evaluation and treatment of children with neurological, behavioral and developmental disorders, with a particular focus on preschool and early childhood years. Her current research investigates the effects of early neurological injury on the development of neuropsychological functions, especially in the context of epilepsy.



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