

**Behavioral Science Student Fellowship
Spring 2007 Award Recipient - \$3,000**

Name: Victoria N. Bolender
Institution: Rosalind Franklin University of Medicine and Science
Project: *New Onset Benign Rolandic Epilepsy*
Preceptor: Michael Seidenberg, Ph.D.

Benign rolandic epilepsy (BRE) is a common type of epilepsy that affects children between the ages of 2 and 15. Seizures usually stop and the syndrome subsides by the teenage years. Although this syndrome is typically gone by the teenage years, studies are showing children may have lasting difficulties with attention, memory, behavior, and other similar areas. These areas have not been extensively studied and more research is needed to better understand these issues. The goal of my research is to examine the performance of these children on measures of academic achievement, memory, language, and attention, compared to age matched peers without epilepsy. Unique features of this study are that I will examine information from brain scans and link it with performance on the behavioral measures listed above. This research will provide important information about benign rolandic epilepsy. This information will be useful for improving management and intervention of the school aged problems observed in this patient population.