

Ecotek Student Scientist Admitted into Summer Neurology Program at John Hopkins University



The brain is the central processing unit of the human body. Understanding how it functions is still a work in progress. Some key research areas in neurology include finding a cure for diseases such as Alzheimers and Parkinsons. Students in Ecotek Lab are active in neurological research. They spend time learning about neurodegenerative diseases; they compete in neurology based academic competitions (International Brain Bee) and visit with leading researchers to become familiar with cutting edge medical solutions. Having this background has put them on the radar of recruiters at elite neuroscience programs across the country.

Jayla Hubbard, a junior at Grosse Pointe High School and a student scientist in Ecotek Lab has been accepted into the Neuroscience Summer Program at John Hopkins University (JHU) in Baltimore, Maryland. Her mentor while at JHU will be Dr. Hongjun Song, PhD, a professor of neuroscience and the Director of the Stem Cell Program at John Hopkins School of Medicine. Jayla will be assisting him in investigating neurogenesis and epigenetic mechanisms using rodent and human neural stem cells.

Jayla joined the Ecotek Lab program in the 7th grade. Her goal is to be a pediatric neurologist. Her research in the lab has focused on regenerative medicine in a wide range of areas including neurological applications. Her current work is focused on investigating how the reception of stimuli by various sense organs is interpreted by the brain.

About the Ecotek Science Program

Ecotek is a science research lab program for young inventors and researchers in grades 5 thru 12. Student scientists work on projects aligned with the issues being addressed by world leaders at the United Nations. To learn more about Ecotek Lab go to <http://www.ecotek-us.com>

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Contact Information

Keith Young, Founder/Executive Advisor, 313-399-7893 or keiyoung@ecotek-us.com