

SCIENCE SEMINAR

Thursday, October 10 - Carson Taylor 322

Noah Hutson

*Brain Dynamics Laboratory - Biomedical Engineering
Doctoral Candidate - Louisiana Tech University*

“Network Analysis of the Neuro-Cardio-Respiratory System in Epilepsy”

Epilepsy is a neurodegenerative disease that can impact critical bodily functions, including the brain, heart and lungs. *Can we measure such functional impairments?* In this talk, I will present my work employing network analysis of brain, cardiac and respiratory signals in mice and humans with epilepsy, seeking an answer to that question.

Come at 3:30pm for refreshments, speaker at 4:00pm