

## COLLOQUIUM

### Optimal Echo Time for fMRI in the Infant Brain

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**Abstract:** The infant brain is not as myelinated as the adult brain. This affects the physical properties of the tissue and the imaging contrast obtained with magnetic resonance imaging (MRI). We investigate the echo time needed for optimal contrast in functional MRI studies involving infants. The colloquium will provide an opportunity for attendees to become familiar with the imaging resources at the Division of Human Genetics of UTRGV School of Medicine. We seek to start a small but active research group focused on MRI Physics.