Brain Mapping Center

SEMINAR SERIES

Sponsored by the UCLA Brain Mapping Center Faculty

The focus of these talks is on advancing the use of brain mapping methods in neuroscience with an emphasis on contemporary issues of neuroplasticity, neurodevelopment, and biomarker development in neuropsychiatric disease.

Hosted By: Shanantu Joshi, PhD, Neurology, UCLA

Neural mechanisms of gene-environment interaction effects in the development of conduct problems

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Evidence has been accumulating showing gene-environment interaction effect in the development of conduct disorder. Epidemiological research has demonstrated that the relationship between environmental adversity and later conduct problems is moderated by the genetic risks. However, the neural mechanisms through which the gene-environmental interaction effect operates remain elusive. Evidence will be presented for neural substrates involved in conduct disorder and candidate genes that have functional effects on variables indexing the same neural substrates. Lastly, new evidence will be presented showing environmental adversity linking to conduct problems that also have effects on the same neural substrate.

May 5, 2016 11:00am - 12:00pm

Neuroscience Research Building (NRB 132)
635 Charles E. Young Dr. South

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