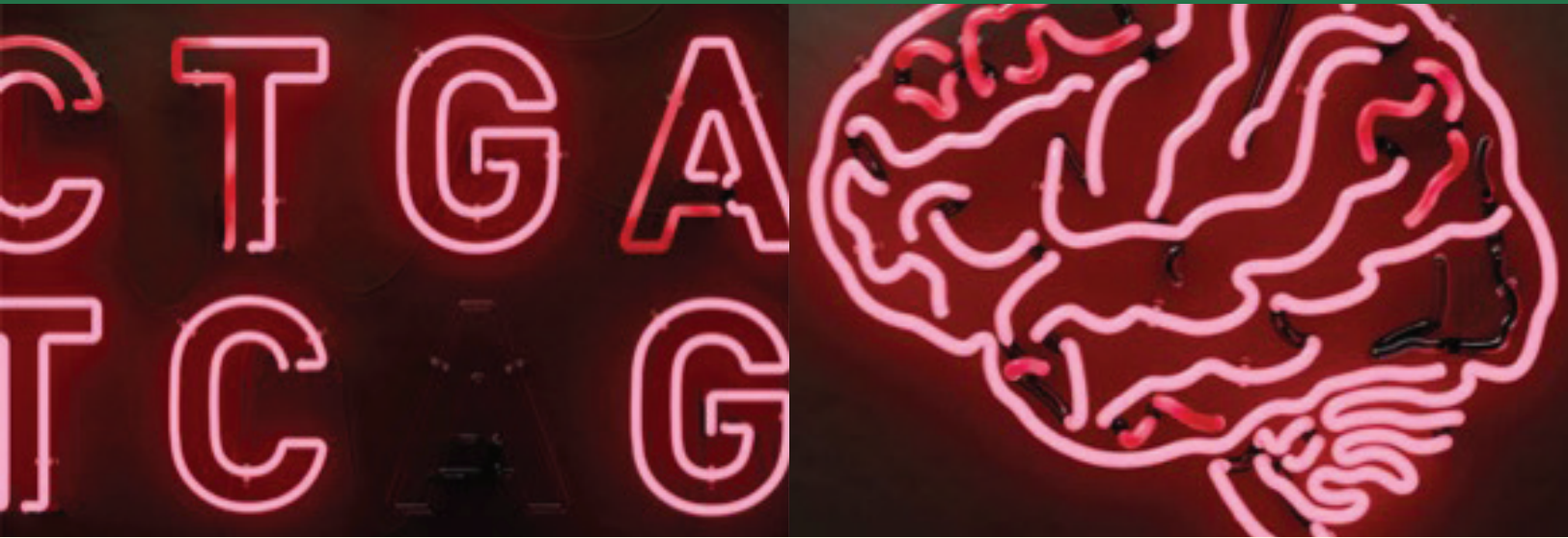


DEAN'S WORKSHOP

PsychENCODE: Functional Genomics of Human Brain Development and Neuropsychiatric Disorders



Friday, July 12, 2019
9:30 am – 3:00 pm
Jane Ellen Hope Building, H-110
315 Cedar St., New Haven

Light refreshments will be provided.

The human brain is responsible for our species' most unique traits, but also underlies our susceptibility to neuropsychiatric disorders. Healthy brain development relies on the precise spatiotemporal regulation of the transcriptome, a feat that is carried out by myriad non-coding regulatory elements. Thus, understanding neuropsychiatric disease requires the identification and characterization of these regulatory programs, which provide the link between genetic variation and disease risk. However, our ability to make these connections is significantly impeded by our lack of a comprehensive understanding of the regulatory and epigenomic landscape of the human brain. With this goal in mind, the PsychENCODE Consortium was formed by the National Institute of Mental Health in 2015 to identify genomic elements active within the human brain throughout the span of development, and to characterize their role in evolution and neuropsychiatric disease. At this workshop, members of the consortium will discuss their recent accomplishments as highlighted in the Science PsychENCODE collection.

PsychENCODE Consortium

Website: www.psychencode.org

Contact: nenad.sestan@yale.edu

Dean's Workshop Contact: michael.hoepp@yale.edu

WELCOMING REMARKS, 9:30AM

John Krystal, MD

Department of Psychiatry and of Neuroscience, Yale School of Medicine

INTRODUCTION TO THE PSYCHENCODE CONSORTIUM, 9:40AM

Alexander Arguello, PhD

National Institute of Mental Health

TOPICS IN PSYCHENCODE RESEARCH, 10:10AM

Nenad Sestan, MD, PhD

Department of Neuroscience, of Comparative Medicine, of Genetics, and of Psychiatry, Yale School of Medicine

COFFEE BREAK, 10:40AM

Flora Vaccarino, MD

Yale Child Study Center and Department of Neuroscience, Yale School of Medicine

Mark Gerstein, PhD

Department of Molecular Biophysics and Biochemistry, of Computer Science and of Statistics and Data Science, Yale University

LUNCH BREAK, 12PM

TOPICS IN PSYCHENCODE RESEARCH, 1:00PM

Donna Werling, PhD

Department of Psychiatry, University of California, San Francisco

Kristen Brennand, PhD

Department of Neuroscience, of Genetics and Genomic Sciences, and of Psychiatry, Icahn School of Medicine at Mount Sinai

PLENARY SPEAKER, 2PM

Raquel Gur, MD, PhD

Department of Psychiatry, of Radiology, and of Neurology Perelman School of Medicine, University of Pennsylvania

CLOSING REMARKS, 3PM

