PURPOSE
This seminar will review the epidemiology, pathogenesis, diagnosis and treatment of neurodevelopmental syndromes and disorders. Topics will range from single gene (e.g. fragile X syndrome and tuberous sclerosis) to complex genetic (e.g., autism, schizophrenia), to environmental disorders with varied phenotypes, pathogenetic mechanisms and treatments.

TIME AND LOCATION
Wednesdays, 9:00 am – 10:30 am
Autism Building off Smith Level Road, 2nd floor conference room
Address: 100 Renee Lynne Court, Carrboro*

COURSE DIRECTORS
Joe Piven, M.D. and Ben Philpot, Ph.D.

*Please note that the address may be subject to change and should be verified prior to attending the seminar.

Coordinators: Kelly Jones, Ph.D., Brandon Pearson, Ph.D., and Sarah Schipul, Ph.D.

Sept 12  Overview of Autism
Joseph Piven, M.D.
Thomas E. Castelloe Distinguished Professor of Psychiatry, Pediatrics and Psychology
Director, Carolina Institute for Developmental Disabilities

Oct 10  Sensory – Motor Development and Autism
Grace Baranek, Ph.D.
Professor; Associate Chair for Research
Division of Occupational Science

Oct 24  Neuropsychological Basis of Autism
Gabriel Dichter, Ph.D.
Assistant Professor,
Department of Psychiatry
Sarah Schipul, Ph.D., CIDD Postdoctoral Trainee
Nov 14  Treatment of Autism
Robert Christian, M.D.
Assistant Professor,
Department of Psychiatry

Nov 28  Molecular Biology of Neurodevelopmental Disorders
William Snider, M.D.
Professor,
Director, Neuroscience Research Center

Dec 5  Periodontology
Steven Offenbacher, Ph.D.
Distinguished Professor; Chair of Periodontics
Department of Periodontology

Jan 9  Oxytocin Intervention, Clinical Trials
Linmarie Sikich, M.D.
Associate Professor,
Department of Psychiatry

Jan 23  Fetal Alcohol Syndrome
Shonagh O’ Leary-Moore, Ph.D.
Assistant Professor,
Department of Psychiatry

Feb 6  Pre-natal Cocaine Effects
Philip Zeskind, Ph.D.
Research Professor of Pediatrics
Director, Neurodevelopmental Research
Levine Children's Hospital at Carolinas Medical Center

Feb 20  Turner Syndrome
Rebecca Knickmeyer-Santelli, Ph.D.
Assistant Professor,
Department of Psychiatry

Feb 27  Schizophrenia
Aysenil Belger, Ph.D.
Professor; Director of Neuroimaging Research
Department of Psychiatry

Mar 20  Angelman Syndrome and Prader-Willi Syndrome
Anne Wheeler, Ph.D., Clinical Asst. Professor, Dept. of Psychiatry
Portia McCoy, Ph.D., Post Doc Research Associate, Dept. of Cell & Molecular Physiology
Mar 27  Communication in Children with Fragile X Syndrome and Down Syndrome  
Gary Martin, Ph.D.  
Research Assistant Professor, FPG  
Department of Allied Health Sciences

Apr 3  Lysosomal Storage Disorder  
Muge Gucsavas-Calikoglu, M.D., MPH  
Associate Professor,  
Department of Pediatrics; Division of Genetics and Metabolism

Apr 17  Neurofibromatosis and Tuberous Sclerosis  
Robert Greenwood, M.D.  
Professor,  
Department of Neurology and Pediatrics

Apr 24  Muscular Dystrophy  
(Jane) Zheng Fan, M.D.  
Assistant Professor,  
Department of Neurology Child Neurology, Genetics/Metabolism

May 22  Downs Syndrome (Paper Session)  
Heather Hazlett, Ph.D.  
Assistant Professor,  
Department of Psychiatry

Jun 5  Fragile X Overview  
Heather Hazlett, Ph.D.  
Assistant Professor,  
Department of Psychiatry

Jun 12  Williams Syndrome (Paper Session)  
Joseph Piven, M.D.  
Thomas E. Castellloe Distinguished Professor of  
Psychiatry, Pediatrics and Psychology  
Director, Carolina Institute for Developmental Disabilities

DIRECTIONS:  
1. From campus or Hwy 54, 15-501 South/Hwy 54 Bypass West (traveling towards Carrboro).  
2. Take Merritt Mill Rd. exit (just past Laurel Ridge Apartments);  
3. Take left at top of ramp on Merritt Mill Road.  
4. Take a left on Smith Level Road at the stoplight at bottom of hill.  
5. Go past 4 lights and at next block turn right on Rock Haven Rd.  
6. Take first Left onto Renee Lynne Court; building is on left at 101 Renee Lynne Court.