

Clinical Syndromes and Disorders

T32 Postdoc Seminar Series

University of North Carolina at Chapel Hill
Carolina Institute for Developmental Disabilities

FALL 2012 and SPRING 2013 Syllabus

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.

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

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| 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 Guccavas-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. Castelloe 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.