

Clinical Syndromes and Disorders

T32 Postdoc Seminar Series

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

FALL 2018 and SPRING 2019 Syllabus

PURPOSE

This seminar examines the topics of genetics, neuroanatomy, physiology, and behavioral development to provide a broad-based and integrated background to understand the etiology and potential mechanism underlying neurodevelopmental disorder

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, MD and Ben Philpot, PhD

Coordinators: *Brianne Gerlach-McDonald, PhD., Justin Wolter, PhD., Charles Shyng, PhD., John Shorter, PhD., Andrea Baldelli, PhD., Rebecca Grzadzinski, PhD., Jessica Girault, PhD., and Hanqian Mao, PhD.*

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| Sept 19 | Overview of Autism Joe Piven, MD Director, Carolina Institute for Developmental Disabilities |
| Oct 17 | Neuropsychological Basis of Autism and Imaging Research Gabriel Dichter, PhD Associate Professor of Psychiatry and Psychology-CIDD Director, Clinical Affective Neuroscience Lab |
| Oct 31 | Treatment of Autism Rob Christian, MD, FAAP Assistant Professor of Psychiatry and Pediatrics-CIDD |
| Nov 7 | Psycho-Educational Interventions for Autism Laura Klinger, PhD Director, TEACCH Autism Program - Carrboro/Chapel Hill |
| Nov 28 | An Overview of Genetics John Shorter, PhD Postdoctoral Research Associate, Neuroscience-CIDD |
| Jan 9 | Schizophrenia Genetics Primer Paola Giusti- Rodríguez, PhD Research Assistant Professor, Genetics |

- Jan 30 **An Overview of ADHD**
Laura Politte, MD
Assistant Professor, Child & Adolescent Psychiatry and Psychology-CIDD
Jessica Cohen, PhD
Assistant Professor, Psychology & Neuroscience
- Feb 6 **Schizophrenia as a Neurodevelopmental Disorder**
John Gilmore, MD
Vice Chair, Research & Scientific Affairs
Director, Center for Excellence in Community Mental Health
- Feb 13 **What's wrong with the DSM:
An overview of NIMH's Research Domain Criteria (RDoC) project**
Gabriel Dichter, PhD
Associate Professor of Psychiatry and Psychology-CIDD
Director, Clinical Affective Neuroscience Lab
- Feb 27 **The Molecular Genetics of ASD**
Mark Zylka, PhD
Professor, Cell Biology and Physiology
Director, Neuroscience Center
- Mar 20 **Walking Back the Timeline of Schizophrenia Using Multimodal Imaging**
Aysenil Belger, PhD
Professor and Director, Neuroimaging Research-Psychiatry
Director, Frank Porter Graham Child Development Institute
- Apr 3 **Mitochondrial Disorders and Neurodevelopment"**
Muge Gucsavas-Calikoglu, MD, MPH
Associate Professor, Pediatrics
- Apr 24 **Fragile X Syndrome**
Heather Hazlett, PhD
Assistant Professor, Psychiatry-CIDD
Mike Sidorov, PhD
Postdoctoral Research Associate, Cell Biology & Physiology
- May 8 **Clinical Deficits and Molecular Genetics of Angelman Syndrome**
Mark Shen, PhD
Assistant Professor, Psychiatry-CIDD
Justin Wolter, PhD
Postdoctoral Research Associate, Genetics & Neuroscience-CIDD