

Resident's Research Newsletter

Publisher: Dept of Psychiatry

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YOKESH BALARAMAN PGY I

- Title: Role of epigenetic in fetal alcohol spectrum disorders
- PI: Feng C.Zhou, Ph.D
- Information: Role of Epigenetic mechanisms such as DNA Methylation and Histone modifications in embryos and neural stem cells exposed to alcohol as a model of Fetal Alcohol Spectrum Disorders
- Location: Department of Anatomy & Cell Biology, IUSM

- Title: Role of DNA Methylation in gene regulation of Alzheimer's disease associated genes
- PI: Debomoy Lahiri, Ph.D
- Information: Role of promoter DNA Methylation changes in the gene regulation of Alzheimer's disease related genes is being reviewed in this study.
- Location: IPR, Department of Psychiatry, IUSM.

LOGAN WINK PGY IV

- Title: Randomized placebo controlled trial of D-Cycloserine for the enhancement of social skills training in pervasive developmental disorders
- PI: Dr. Craiq Erickson
- Information: In this study D-Cycloserine is being tested for the possible treatment of core social impairment I children with pervasive developmental disorder.
- Location: Dept of Psychiatry Indiana University School of medicine Christian Sarkine Autism Treatment Center of Riley hospital for children

MARTIN PLAWECKI PGYIV

- Title: "GABAergic Manipulation of Voluntary - Self-administration of Alcohol using CASE."
- Principal Investigator: Dr. Martin Plawecki, Dr. Sean O'Connor
- Location: IU Hospital
- Information: Pilot Study sponsored by the IUSM Alcohol Research Center for the development of a progressive work self-administration paradigm with variable pre-session GABAergic modulation.

- Title: "Center on Genetic Determinants of Alcohol Ingestion and Responses to Alcohol"
- Principal Investigator: Dr. D. Crabb
- Location: Multiple
- Locations with the resident's involvement: IU Hospital, RLR VA Hospital
- Information: IUSM Alcohol Research Center Grant supporting one of the largest alcohol study centers in the country including Human and Animal Basic Science Research (including Genetics), Translational Research, and Pilot Project development (including pilot described above).

DANIEL HACKMAN PGY II

- PI: Dr. Andrew Chambers
- Information: Primarily investigating factors responsible for diverting prescriptional drugs from their legal intentions to their illegal use, the characteristics of prescription drug abusers are, particularly opiate abusers, and look into the rates of mental illness and other addictions in populations such as methadone maintenance populations.

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MIKE FRANCIS PGY II

- PI: Dr. Alan Breier
- Project I: A pharmacologic study looking at a glutamatergic agent in the treatment of schizophrenia, as compared to atypical antipsychotic treatment.
- PI: Dr. Alan Breier
- Project II: Serial imaging studies (MRI/DTI) over a three year period, examining brain changes in early schizophrenia, comparing to a control group.

AYESHA SAJID PGYII

- Title: The Effect of Clinical Clerkship on Students' Attitudes Toward Psychiatry in Karachi, Pakistan
- Publication: Academic Psychiatry 33:212-214, May-June 2009
- Information: Attitudes of fourth year medical student's were assessed in this study towards all aspects of Psychiatry as a specialty.

- Title: Assessment and treatment of deaf adult with psychiatric disorders: A review of the literature.

- PI: Dr. David R. Diaz, Dr. Sarah Landsberger
Information: This is review of the literature examines the epidemiology of deafness, prevalence of psychiatric conditions in the deaf population, current knowledge on the culturally appropriate assessment and treatment of deaf psychiatric patients.

- Title: Rx Primer: Overview of ADHD

- PI: Dr. David R. Diaz, Dr. Poor

- Research: Review article highlighting the history and prescribing guidelines when treating Attention Deficit Hyperactivity Disorder.

ANNEMARIE LOTH PGYIV

- Title: Neural correlates of emotion dysregulation in youth at risk for substance abuse.
- Principle Investigator: Dr. Leslie Hulvershorn
- Location: Riley Hospital
- Information: This project looks at identifying children at risk for substance abuse based on emotion dysregulation. Previous research suggests that those children that have emotion dysregulation have been more at risk for substance abuse when compared to controls. However, it is unclear what defines emotion dysregulation overall. This project looks to define emotion dysregulation more specifically, look for any neural correlates of emotion dysregulation through MRI and any behavioral correlates by having children perform frustration task and also define what emotions are seen in a child who has "emotional dysregulation."

AMY RICKE PGYIV

- Title: The Pharmacotherapy of Perinatal Mood Disorders.

- PI: Dr. Amy K. Ricke, Dr. Caron Farrell,, and Dr. Joanna Chambers.

Publication: Psychopharm Review 44(10):73-80, October 2009.

- Information: This review article highlights the risks of mood disorders in pregnancy and nursing women, risks to the fetus, neonate, and nursing infant associated with the most commonly used medications in treatment of depression and reviews medications that may be safer to use for treatment of depression in pregnant and nursing women.