

Psych-e News

DEPARTMENT OF PSYCHIATRY AND BEHAVIORAL NEUROSCIENCES



School of Medicine

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University
Physician Group

Upcoming Events

DPBN Chairman's Grand Rounds

October 18th

Stephen Bertman, Ph.D.

"Distracted Doctoring"

October 25th

**Joneigh S. Khaldun, MD,
MPH, FACEP**

"Not My Problem?"

*How Everyday Physicians Can
Build Social Medicine into
their Practice"*

November 1st

Khushminder Chahal, MD

November 8th

Gerald Shiener, MD

November 15th

Deane Aikins, PhD

November 22nd

NO GRAND ROUNDS

November 29th

Leslie Zun

*(Topics will be sent out on the November
Grand Rounds flyer)*

I. Greetings from the Chair

Thank you to everyone who attended the Clinical Education Retreat on September 19th. We hope to continue improving and strengthening our commitment to the education of our students and residents. I hope that you will take a moment to read about all of the funding that our department has recently received. From government agencies, to non-profit foundations to even Twitter??!!! Kudos to all of our faculty who continue to receive these awards from so many different funding sources during these challenging times.

II. News from the Faculty

- **Drs. Victor Ajluni and Arash Javanbakht's** case study, "Dose-Dependent Achilles Tendinopathy in a Patient on Aripiprazole" was accepted in the Journal of Clinical Psychopharmacology.
- **Arash Javanbakht, MD**, whose paper, "Loss of Meaning in the Era of DSM and Psychopharmacology" was published in the journal The Primary Care Companion for CNS Disorders.
- **Drs. Sandra and Joseph Jacobson's RO1** grant, "Dose and Pattern of Adverse Effects in the Diagnosis of Fetal Alcohol Spectrum Disorders: A Secondary Analysis of Data from Five Cohorts", has been awarded from the National Institute on Alcohol Abuse and Alcoholism (NIAAA).
- **Drs. Arash Javanbakht and Linda Saab** will be two of the lead speakers in an upcoming training on Refugee War Trauma presented at Oakland Schools on Monday, October 30th. **If you would like additional information or would like to register, please visit tinyurl.com/osrefugeetrauma.**
- **Drs. Arash Javanbakht and Linda Saab** were featured in a televised special, OPENING MINDS ENDING STIGMA: CAMPUS CHALLENGES, which aired earlier this month. www.endingstigma.org or you can view at: <https://vimeo.com/user12081822/review/232570999/d065a0374b>.
- **Dr. Arash Javanbakht** has been selected for "Knowledge on Tap" to discuss Fears on Tuesday, October 17th at the HopCat Detroit at 5:30pm. *Knowledge on Tap consists of live — and lively — discussions with some of Detroit's greatest minds. To register, please go to: <https://events.wayne.edu/2017/10/17/knowledge-on-tap-presents-fear-factors-what-are-we-afraid-of-and-why-73871/>*

III. Funding!!!!

- **Shane Perrine, PhD**, received funding for his NIH R01 grant, "Effects of cocaine taking and seeking on histone deacetylase class IIa enzyme activity in the nucleus accumbens of rats".

Cocaine addiction devastates the lives of millions of Americans, yet current therapies are poor and development of novel therapeutics is lacking. Our team will use a translational design that combines state-of-the-art brain PET-imaging using a substrate-based radioligand for class IIa histone deacetylases with an animal model of cocaine taking and seeking behaviors to study epigenetic mechanisms underlying cocaine addiction. The proposed longitudinal studies provide a unique strategy to study the neurobiology that underlies cocaine-motivated behaviors, and the knowledge gained will aid in the treatment of this devastating mental health disorder. Our team includes collaborators Drs. Juri Gelovani (Biomedical Engineering), Cynthia Arfken (Psychiatry), Chris Cowan (MUSC, Neuroscience) and consultants Drs. Susan Brummelte (Psychology) and Otto Muzik (PET center). We would like to thank the Departments of Psychiatry and Behavioral Neurosciences and Biomedical Engineering and the Office of Vice President for Research for their generous support of this project.



- **Drs. Sandra and Joseph Jacobson's RO1** grant, "Dose and Pattern of Adverse Effects in the Diagnosis of Fetal Alcohol Spectrum Disorders: A Secondary Analysis of Data from Five Cohorts", has been awarded from the National Institute on Alcohol Abuse and Alcoholism (NIAAA).



This will enable us to conduct a series of analyses of effect size and dose-response in FASD, using cutting-edge multivariate statistical methods. In this research we will integrate data from 5 large U.S. longitudinal cohorts--our 19-year Detroit study and similar cohort studies that our colleagues conducted in Seattle, Atlanta, and Pittsburgh (2 different cohorts).

- Chaitali Anand, a graduate student in the TNP Program, received funding for her F31 "Age-related differences in hippocampal glutamate modulation during associative learning: An in vivo proton functional magnetic resonance spectroscopy (1H fMRS) study". Drs. Jeffrey Stanley and Naftali Raz are her co-advisors.



In developing my future research program, I will extend the results from the proposed study to examine variations in glutamate modulation in participants with Alzheimer's disease and other dementias, and conduct longitudinal investigations to elucidate the time course of age-dependent changes in glutamate modulation.

- Drs. Jeffrey Stanley and Vaibhav Diwadkar were awarded a Flinn Foundation grant for their project, "From assessment to intervention: Identifying and treating Detroit youth with prodromal symptoms."

We proposed to conduct mass assessment of prodromal symptoms in youth, followed by a focused intervention (using CBT) for those who score at very high risk for psychosis.



- **Drs. Otto Muzik and Vaibhav Diwadkar** received a substantial gift from Jack Dorsey (he is the co-founder of Twitter).



This gift will help support looking at using an innovative behavioral intervention (that targets autonomous functions of temperature control) to investigate mood stabilization and index potential neurobiological expressions of the intervention using fMRI and PET.

- **Dr. Arash Javanbakht** has been awarded the 2018 New Investigator Grant for his project, "Risk and Resilience in Syrian and Iraqi Refugees: Prevalence, Environment, and Biomarkers".

This grant will be used for follow up study of impact of trauma and stress in Syrian refugees one year after their arrival in the United States. At this phase we will examine the changes in symptoms severity, and their environmental and neurobiological correlates. We will specifically examine cortisol and inflammation factors. We will also look at the within family effects.



IV. Department Spotlight

The Center for Treatment and Research in Behavioral Health was represented at this year's NAMI walk (National Alliance on Mental Health), to raise funds to combat stigma and provide support for local programs and initiatives focused on improving the lives of individuals with mental illness. The event took place at Belle Isle in September and raised over \$150,000. This event was just one of over 80 walks across the country that will take place this year in support for NAMI. The Center's team, WSUPG-Unity, consisted of clinicians, research members, and clients. The team gathered donations, walked the 5k in support, and provided information regarding treatment and research opportunities at the Center, which mimics NAMI's goal to improve the lives and treatment of those with mental illness. For more information about The Center please email braincenter@med.wayne.edu or call 313-577-3360.



Right to Left: Manisha Leary, Usha Rajan, Patricia Thomas, Jaclyn Burns, Troy Cullen and Plesia

"A ship in harbor is safe, but that is not what ships are made for." John Augustus Shedd