

Department of Psychiatry and Behavioral Sciences

Volume 2, Issue 10
October 9, 2014

New Appointments

Secondary:

Linda Emanuel, MD, PhD, Professor (MED-Buehler Center)

Adjunct:

David Lynn, MD, Professor (Loyola)

Health System Clinician (HSC):

Cynthia Coyle, PhD – Private practice

Leah Paskar, PhD – Private practice

Bonnie Essner, Ph.D., pediatric psychologist, began in July, 2014. Dr. Essner is shared between a new position with Lurie Children's Palliative Care Service and outpatient child psychiatry programs at Lurie Children's.

Education News

Former residents Marley Doyle, M.D. and Katy Lalone, M.D, with current PGY3 Katherine Backes, presented a very successful workshop at the Association for Academic Psychiatry Meeting in Portland, OR on September 18, 2014.

PGY3s Katherine Backes and Lisette Rodriguez presented a poster at the Association for Academic Psychiatry Meeting in Portland, OR

PGY3 Julia Shekunov was awarded the AACAP Travel Fellowship for 2014, which will fund her attendance at the AACAP meeting in San Diego.

Dr. Anzia was chosen as the new Psychiatry Director for the American Board of Psychiatry and Neurology, and was a plenary panel speaker at the AAP meeting in Portland, OR.

Grants and Awards

Meltzer, H (PI); Sponsor: Reviva Pharmaceuticals.; Project title: Dialysis and Behavior Studies with RP5063; Project period: 3/25/14 - 3/31/17

Meltzer, H (PI); Sponsor: SureGene, LLC.; Project title: Improving Outcomes in Schizophrenia through identification of Genetic Risk Factors; Project period: 9/15/14 - 9/15/17

Weissberg-Benchell, J. (PI). 2014-2016. *Assessing the Impact of Diabetes Camp on Daily Self-Care Behaviors and Psychosocial Well-Being*. Leona and Harry Helmsley Charitable Trust. This study will assess the psychosocial impact of attending diabetes camp for youths ages 8-18. We will assess three areas of change: Diabetes-specific quality of life, Diabetes-specific emotional distress, and Diabetes-specific self-care behaviors. Recruitment will occur at 42 different camps across the United States. \$165,200.

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Research News

Dr. Eva Redei's lab:

The first blood test to diagnose major depression in adults has been developed by Dr. Redei and her colleagues, a breakthrough approach that provides the first objective, scientific diagnosis for depression. The test identifies depression by measuring the levels of nine RNA blood markers. RNA molecules are the messengers that interpret the DNA genetic code and carry out its instructions.

The blood test also predicts who will benefit from cognitive behavioral therapy based on the behavior of some of the markers. This will provide the opportunity for more effective, individualized therapy for people with depression.

For more information please click on the following links:

<http://www.feinberg.northwestern.edu/news/2014/09/Redei-blood-test.html>

<http://www.nbcchicago.com/news/health/Chicago-Scientists-Develop-First-Blood-Test-to-Diagnose-Adult-Depression-275298961.html>

Jacqueline K. Gollan, PhD, psychology, is quoted in [Health](#) regarding medical care for people with depression.

Presentations

Katherine Wisner, MS, MD. SSRI treatment during pregnancy: Assembling pieces of a complex puzzle. Sept 2014. International Marcé Society Biennial Scientific Meeting, Swansea, Wales, U.K.

Sheehan Fisher, PhD. Father's matter from the beginning: The longitudinal contribution of paternal and maternal postnatal depression to toddler mental health. Sept 2014. International Marcé Society Biennial Scientific Meeting, Swansea, Wales, U.K.

Publications

Brandl EJ, Tiwari AK, Zai CC, Chowdhury NI, Lieberman JA, Meltzer HY, Kennedy JL, Müller DJ. No evidence for a role of the peroxisome proliferator-activated receptor gamma (PPARG) and adiponectin (ADIPOQ) genes in antipsychotic-induced weight gain. *Psychiatry Res.* 2014 Oct 30;219(2):255-60.

Brandl EJ, Chowdhury NI, Tiwari AK, Lett TA, Meltzer HY, Kennedy JL, Müller DJ. Genetic variation in CYP3A43 is associated with response to antipsychotic medication. *J Neural Transm.* 2014 Aug 24. [Epub ahead of print]

Li J, Meltzer HY. A genetic locus in 7p12.2 associated with treatment resistant schizophrenia. *Schizophr Res.* 2014 Sep 13. [Epub ahead of print] PMID: 25223841

Oyamada Y, Horiguchi M, Rajagopal, L, Miyauchi, M, Meltzer HY. Combined Serotonin (5-HT)1A Agonism, 5-HT2A and Dopamine D2 Receptor Antagonism Reproduces Atypical Antipsychotic Drug Effects on Phencyclidine-Induced Deficit in Novel Object Recognition in Rats. *Behav Brain Res* (accepted for publication)

Huang M, Kwon S, Oyamada Y, Rajagopal L, Horiguchi M, Miyauchi M, Meltzer HY. Dopamine D3 receptor antagonism contributes to blonanserin induced cortical dopamine and acetylcholine efflux and enhancement of novel object recognition. *The International Journal Neuropharmacology* (submitted for publication)

Russell, T., Blizinsky, K., Cobia, D., Cahill, M., Xie, Z., Sweet, R., Duan, J., Gejman, P., Wang, L., Csernansky, J., & Penzes, P. (2014). A sequence variant in human KALRN impairs protein function and coincides with reduced cortical thickness. *Nature Communications*, 5:4858.

Rogalski, E., Cobia, D., Mardersteck, A., Rademaker, F., Wieneke, C., Weintraub, S., & Mesulam, M-M. (2014). Asymmetry of cortical decline in subtypes primary progressive aphasia. *Neurology*, 83, 1184-1191.

Smith MJ, Humm LB, Fleming MF, Wright MA, Ginger EM, Wright K, Olsen D, Bell MD. (in press). Virtual Reality Job Interview Training in Veterans with Posttraumatic Stress Disorder, *Journal of Vocational Rehabilitation*.

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Other News

Students, faculty, staff and other friends traditionally took part in the National Alliance on Mental Illness (NAMI) Walk on Saturday Sept. 27 in Grant Park in Chicago. The Northwestern Medicine team had more than 25 participants who raised \$569 for the cause. More than 200 NAMI walkers stopped by at our booth and approached us with questions about our work and particularly about clinical research opportunities. 18 NAMI walkers wanted to be contacted regarding clinical research opportunities and to participate in our studies. We encouraged the departmental community to help us to form even a larger team and participate in the walk next year.

