

The University of Chicago

DEPARTMENT OF PSYCHIATRY & BEHAVIORAL NEUROSCIENCE

NEWSLETTER

VOLUME 5, ISSUE 1

FALL 2011



CHAIR'S MESSAGE...

Welcome!

This is the first of three seasonal (Fall, Winter, and Spring) newsletters for AY 2011-12 that our Department will be publishing this year. These newsletters are designed to inform faculty, trainees, and staff of current news in the Department and to let others outside the Department know about us and our activities. Our Department is dedicated to its three missions: Education, Clinical Service, and Research and is structured accordingly. Currently, we are developing a strategic roadmap so that we will be more robust in each of these areas in the coming years. Most important in this regard is the recruitment of outstanding faculty and the mentorship of these faculty be they primarily research or education in focus.



Emil F. Coccaro, M.D.

E.C. Manning Professor & Chair

Department of Psychiatry &

Behavioral Neuroscience

"TOP STORY"

DEPARTMENT RANKED AS HIGH PERFORMING IN USNWR RATINGS



The Department of Psychiatry and Behavioral Neuroscience was ranked as "High Performing" in the 2011 US News & World Report Rankings. High performing meant that it was named as an excellent place of care by a number of outside experts. This is the first time that we have been named in the survey. Among the Chicago programs, the Department was ranked the highest followed by Northwestern, UIC, Rush and Loyola. The reputation score for the Department was 50% higher than that of Northwestern's

reputation score, 150% higher than that of UIC's reputation score and, five times higher than that of the reputation score of Rush or Loyola. Among Midwest Programs, the top three ranked by reputation by USNWR included Mayo Clinic, Washington University, and Cleveland Clinic. University of Iowa and University of Michigan ranked next highest followed by our Department then the other Chicago programs, among others.

The U of C Medical Center did very well in the rest of the survey. UCMC was highlighted in many departments and programs including Neurology & Neurosurgery, Cancer, Endocrinology, ENT, Gastroenterology, Gynecology, Heart, Nephrology, Orthopedics, Pulmonary, and Urology.

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UPCOMING EVENTS:

- Research Section Retreat (10/20)
- Grand Rounds: L168 (12-1:30 PM)
 - U. Rao, M.D., Morehouse U (9/15)
 - K. Miczek, Ph.D., Tufts U (10/13)
 - E. Attia, M.D., Columbia U (11/10)
 - M. Heyrman, J.D., U of C (11/17)
 - A. Woodward, Ph.D., U of C (12/8)
- Case Conferences H103 (12-1:30 PM)
 - A. Mann (10/27)
 - A. Pankov (12/15)

FACULTY PROMOTIONS



Kate Keenan, Ph.D. has been promoted to Professor of Psychiatry and Behavioral Neuroscience. Dr. Keenan received her Ph.D. in Clinical Psychology from the University of Pittsburgh in 1995. She completed her clinical internship at the Children's Memorial Hospital at Northwestern University and then joined the Department of Psychiatry at the University of Chicago in 1995. Dr. Keenan's program of research in developmental psychopathology spans several developmental periods and types of disorders. The integrative thread running through each study is the aim of identifying the earliest appearing individual differences that connote risk for psychopathology, and the factors that are associated with the transition from risk to the expression of a disorder. The work is designed to be relevant to the understanding of etiological mechanisms and to the development of clinical assessment strategies, early intervention, and prevention. Two current programs of research are: 1) prenatal stress effects on neurodevelopmental outcomes in the offspring; and 2) developmental changes in processing of emotional stimuli during adolescence and risk for depression in girls. In both programs of research, experimental manipulations of factors that we believe confer risk for disorder are being conducted as further tests of etiologic hypotheses.

FACULTY PROMOTIONS



Daniel leGrange, Ph.D. has been promoted to Professor of Psychiatry and Behavioral Neuroscience with tenure effective 1/1/2009. Some important project have been concluded since that date; a multisite RCT (Chicago, London and Sydney) for women with chronic anorexia nervosa (AN), and an inpatient treatment study for adolescent AN (Westmead Children's Hospital, Sydney) A multi-site RCT (Chicago and Stanford) for adolescent BN is still ongoing. Several new projects commenced soon after Dr. Le Grange's promotion. First, in a collaborative agreement between Chicago and the University of Melbourne, Dr. Le Grange and Dr. Susan Sawyer (Adolescent Medicine, Melbourne) are conducting a six-year RCT of family-based treatment (FBT) and parent-focused treatment for adolescent AN. Second, we are now one of three sites in a NIMH T32 Regional Postdoctoral Training Grant where Dr. Le Grange is site director and train two MD or PHD postdoctoral fellows in eating disorders each year. We have also started two NIMH-funded treatment development studies, both for AN. In the first, where Drs. Le Grange and Chen are PIs, we are adapting FBT for young adults. In the second, and another collaboration with Stanford, we are adapting FBT for adolescents who do not respond to standard FBT. Finally, we are at the tail end of a multi-site RCT (Mt Sinai, NY and Chicago) comparing FBT and nutritional education counseling for overweight teens. Kudos to all the hard-working folks on the ED Team.

FACULTY PROMOTIONS



Andrea King, Ph.D. has been promoted to Professor of Psychiatry and Behavioral Neuroscience. Dr. King is the Director of the Clinical Addictions Research Lab (CARL). She received her BS in psychology from the University of Illinois (Urbana-Champaign) and her Ph.D. from the University of Oklahoma Health Sciences Center (Oklahoma City). She then went on to complete her post-doctoral training at the University of Pennsylvania, and an internship at New York Medical College (New York City). Dr. King came to the University of Chicago in 1997, and since that time has been the Director of the Clinical Addictions Research Lab. She also is involved in developing a smoking cessation program with the Respiratory Health Association of Metropolitan Chicago, and is actively pursuing research on subjective responses to alcohol intoxication as they pertain to future problem drinking. Dr. King enjoys her time as a mentor to the many research assistants she has worked with. When she is away from work, she can be found installing dry wall, finishing her deck and enjoying myriad home improvement projects along with her daughter, Jessica 7, husband, Eric, and Sophie, their Siberian Husky.

FACULTY HONORS

Chair's Awards: 2010-2011

Most Outstanding Member of Faculty:

Eunice Chen / Michael Marcangelo

Best Teaching Among Faculty:

Elliot Gershon / Scott Hunter

Best Scholarship Among Faculty:

Daniel le Grange / Karam Radwan

Best Citizenship Among Faculty:

Harriet deWit / Joseph Fink

Trainees' Awards for Teaching Faculty: 2010-11

Steven Cherniak (PGY I)

Martin Paisner (PGY II)

Deborah Spitz (PGY III)

Tom Kramer (PGY IV)

Overall Teaching: Daniel Yohanna

C&A Teaching: *Khalid Afzal*

Clinical Psychology Teaching: *Shona Vas*

CLINICAL MISSION: ADULT PSYCHIATRY



Daniel Yohanna, M.D., Vice-Chair and Director of Clinical Affairs & Section Chief of Adult Psychiatry.

Welcome back to the DPBN Newsletter! This fall's newsletter is an opportunity to reiterate our commitment to the improvement of patient and staff safety in the outpatient programs. Our staff, faculty and residents were recently surveyed regarding their attitudes, beliefs and communication around patient safety issues. What we have learned is that not every member of the Department understands what events can potentially affect safety of patients and staff, the reporting mechanism for such occurrences or believe that we strive to have a culture of objective review and improvement of patient care without reprisal to the reporter. By the end of year, all staff and faculty will be updated on the survey and solicited for ideas to improve the safety and quality of care in our Department. Occurrences should be reported through the event reporting mechanism by completing a Patient Safety Report at http://home.uchospitals.edu/pdf/uch_001231.pdf. The Adult Outpatient Programs have been growing steadily since our last publication with the largest growth in our psychooncology and general psychiatry clinics. With the new academic year came a new group of interns and residents to treat patients in a variety of clinics and in individual psychotherapy. We have also added several new staff members including Julie Wernke, Ph.D., a part-time CBT psychotherapist specializing in the treatment of anxiety and depressive disorders, April Jones, Psy.D., a full-time therapist working with transplant patients and Amy Siston, Ph.D., a part-time therapist specializing in psychooncology. For an appointment to our outpatient program, call our intake number at 773-70A-DULT (2-3858)

EDUCATION MISSION



Deborah Spitz, M.D., Director of Education.

Since our last Newsletter, a class of residents graduated in June 2011. Dr. Thomas Cantey is continuing in the Department of Psychiatry at U of C as our inaugural Fellow in Psychosomatic Medicine, Dr. Madhukar Kumar is doing a Fellowship in Sleep Medicine at the University of Michigan, and three residents entered private practice, Dr. Dawit Amare in Kankakee, Dr. Sanjiwan Boparai in Rockford, and Dr. Abdul Sallaj in Hinsdale. Two graduating Child Fellows entered practice as well, Dr. Susan Buratto in Rockford, and Dr. Muhammad Junaid at our NorthShore affiliate Highland Park Hospital. Finally, PGY-3 Dr. Marie Truong left to enter a child fellowship at USC. We wish them all a future of stimulating ideas, collaborative colleagues, and passionate dedication to their patients. It is a delight to share the news of awards our residents have received in the past year. Dr. Sara Coffey, PGY-3, received a highly competitive Fellowship in Public Psychiatry from the American Psychiatric Association. Dr. Elena Tuskenis, PGY-4, was awarded the Arnold P. Gold Foundation Humanism and Excellence in Teaching Award by the Pritzker medical students. PGY-3 Dr. Al Nguyen was the 2011 recipient of the Gloria H. Park M.D. Resident Education Award which supports travel to the APA Annual Meeting to learn about advances in bipolar disorder. Child Fellow Jyoti Randhawa received a University of Chicago Merits Scholarship for research in Medical Education, which Psychosomatic Fellow Thom Cantey received last academic year. An impressive group!

CLINICAL MISSION: C & A PSYCHIATRY



Sharon Hirsch, M.D., Section Chief, C & A Psychiatry.

The sun warms my skin on this beautiful fall day. I enjoy the brilliant fiery red and burnt orange leaves, frolicking among the background of gently blowing yellow, green and foliage. And then I wonder: Do patients enjoy this? If you have not experienced paranoia or hallucinations, or you have not had severe anxiety it is hard to understand it. A novel new approach is that of Mental Health First Aid. As described on their website, "Mental Health First Aid is a groundbreaking public education program that helps the public identify, understand, and respond to signs of mental illnesses and substance use disorders." Wouldn't it be wonderful to have the same community awareness and support for mental health issues as we currently have for sudden cardiac arrest? Just think how much more we could do to help the children we work with if they were not subject to stigma, but found treatment. It is the psychiatric consequences of trauma and illness that are often most debilitating. At the U of C, our child and adolescent psychiatrists are on the cutting edge of discovery surrounding psychiatric consequences of medical trauma. We encourage you to search our website for research opportunities to help these children. We want to bring the warm fall sunshine back to them. http://www.mentalhealthfirstaid.org/cs/what_you_learn

RESEARCH MISSION



Paul Vezina, Ph.D., Director of Research.

As we embrace yet another academic year, one in which we will continue to grapple with pesky grant submission deadlines and plunging funding rates, it is important to garner a bit of perspective and recognize the successes we have accumulated thus far in 2011. A number of Research Section faculty were awarded research grants in this period representing over \$7M in total costs. Congratulations to Drs. Harriet de Wit (R01 sub award and R01 to study the genetic basis of impulsive behavior), Kristen Jacobson (F32), Kate Keenan (R13, R34 and R01, the latter to study reactivity to emotional stimuli and liability to depression in girls), and Daniel Le Grange (R34 to study treatment of adolescent anorexia). We continue to boast a number of very successful research teams and are working to increase our ranks with new research faculty. Welcome to Dr. Andrea Goldschmidt who is joining us this fall as a new Assistant Professor working in the area of eating disorders. In addition, our searches in the areas of addictions and imaging research are on track and should lead to announcements in the near future. The day-long Research Section Retreat, to be held this year on October 20 at the Quad Club, will highlight the Department's strengths in multidisciplinary addictions research. Hope to see you there. MARK YOUR CALANDARS!

FACULTY SPOTLIGHT



Michael Marcangelo, M.D. is an Assistant Professor in the Department of Psychiatry and Behavioral Neuroscience. He received his B.A. in psychology from the University of Chicago and his M.D. from the University of Illinois-Chicago. He then completed his psychiatry residency training at the University of Chicago and fellowship training in Psychosomatic Medicine at

George Washington University/INOVA Fairfax Hospital. After working a year at the Medical College of Wisconsin, he returned to the University of Chicago to serve as the Director of Medical Student Education in the Department of Psychiatry for the Pritzker School of Medicine. In this role, he directs the third year medical student clerkship in psychiatry and the second year course Human Behavior in Health and Illness. In addition to leading seminars and giving lectures in these arenas, he also leads the psychopathology portion of the Clinical Pathophysiology and Therapeutics course for the second year students. Clinically, he leads the transplant psychiatry program in the department both on the consultation-liaison service and in outpatient clinics. Working with the liver, lung, and heart transplant teams, he evaluates and manages transplant candidates and recipients in an effort to improve quality of life for patients with life-threatening illness. His current research involves clinical simulation for medical students in psychiatry and the effects of treatment on patients with alcohol-related liver disease.

CLINICAL PROGRAM SPOTLIGHT



Maureen Lacy, Ph.D. is an Associate Professor in the Department of Psychiatry and Behavioral Neurosciences and a clinical neuropsychologist who specializes in the assessment and treatment of adults with cognitive and affective disorders related to psychiatric and neurologic diseases. She is also an adjunct member of the Neurosurgery Department, with an interest in understanding and treating the neurocognitive

deficits associated with increased intracranial pressure across the lifespan. With prior intern Emily Helder, Ph.D., she recently published their work examining behavioral outcomes in individuals with hydrocephalus. With funding from the Conquer Chiari and Routi Foundations, and in collaboration with neurosurgeon Dr. David Frim, she is conducting an intervention project targeting working memory skills in individuals with hydrocephalus and / or Chiari Malformation. With Drs. Artz, Tobin and others, she is examining cognitive outcomes following stem cell transplant. With Dr. Tony Reder she continues to explore the potentially positive benefits of Betaseron treatment in MS. With Drs. Xie, Kang and Warnke, she is examining clinical predictors of positive outcome following DBS for movement disorders. She continues to mentor students from the University of Chicago and surrounding doctoral (IIT) programs. Megan Marshall (UC student) is currently examining variables which may predict positive cognitive outcome following decompression surgery. Woojing Song, MA (Rosalind Franklin) is examining semantic memory loss in dementia.

FACULTY SPOTLIGHT



Karam Radwan, M.D. is Director of the Child and Adolescent Psychiatry Training Program and Director of the Mood and Anxiety Clinic. Since joining us, the C & A fellowship has continued to grow stronger; by attracting solid fellows and reformulating didactic courses. Dr. Radwan has, furthermore, introduced and implemented a team-based approach

to the program's journal club. He also teaches Fundamentals of Psychopathology, Psychopharmacology, and Family Therapy to a multidisciplinary audience. Recently, Dr. Radwan received his third board certification; in Hospice and Palliative Medicine. Among his research interests are increasing public awareness of childhood mental health. He is currently working on several grant proposals examining the efficacy and safety of complementary approaches in children with mood and anxiety disorders. Alongside teaching and supervision, Dr. Radwan serves as a consultant psychiatrist for both private and public health care sectors, including the World Health Organization (WHO) and the United Nations Children's Fund (UNICEF). Dr. Radwan also provides consultation, supervision, and board review seminars to national and international agencies. This fall Dr. Radwan will be presenting and chairing a symposium, along with Dr. Niranjana Karnik, at the Excellence in Child Mental Health conference held in Turkey. In his free time, Dr. Radwan enjoys travelling and cooking.

RESEARCH PROGRAM SPOTLIGHT



Renee Hoste, Ph.D. is an Assistant Professor in our department. Dr. Hoste received her Ph.D. from Northwestern University and completed her internship and postdoctoral training at the University of Chicago. Her research interests include the role of expressed emotion (EE) in treatment outcome for adolescent eating disorders and the role of the family in treatment. EE is an observational measure of family interaction that assesses a relative's

attitudes and behaviors toward a family member and is made of up five components: critical comments, hostility, positive remarks, warmth, and emotional over involvement. Dr. Hoste has rated EE from over 300 family interviews of adolescents with anorexia nervosa (AN) and bulimia nervosa (BN) and has examined differences in EE between AN and BN families, cross-cultural differences in EE, relationship to treatment outcome, and multidirectional relationships among parental, sibling, and patient EE. Dr. Hoste was recently awarded a Young Investigator Grant from the National Eating Disorders Association to fund the development of skills groups for parents of adolescents with eating disorders, with the aim of reducing parental criticism and hostility and increasing parental warmth, thereby possibly improving treatment outcome. She is also currently collaborating with Dr. Leslie Sim at the Mayo Clinic to collect EE data on families of adolescents with major depression.

SPOTLIGHT ON SCHOLARSHIP

Last year, the faculty as a whole accounted for 140 peer-review publications (~4.7 per Faculty) and 45 book chapters (~1.5 per Faculty).

Examples of recent peer-review publications from our faculty include:

Hoste R, Labuschagne Z, Lock J, Le Grange D. Cultural variability in Expressed Emotion among families of adolescents with anorexia nervosa. *International Journal of Eating Disorders*, Epub ahead of print, December 9, 2010.

King AC, Roche DJO, Rueger SY. Subjective responses to alcohol: A paradigm shift may be brewing. *Alcoholism: Clinical & Experimental Research*, 35 1726-1728, 2011.

Suto N, Wise RA, Vezina P. Dorsal as well as ventral striatal lesions affect levels of intravenous cocaine and morphine self-administration in rats. *Neuroscience Letters* 493: 29-32, 2011.

Lee RJ, Hempel J, Tenharmesl A, Liu T, Mathé AA, Klock A. The neuroendocrinology of childhood trauma in personality disorder. *Psychoneuroendocrinology*, Epub ahead of print, June 3, 2011

Shanahan NA, Velez LP, Masten VL, Dulawa SC. Essential Role for Orbitofrontal Serotonin 1B Receptors in Obsessive-Compulsive Disorder-like Behavior and Serotonin Reuptake Inhibitor Response in Mice. *Biol Psychiatry*, Epub ahead of print, September 13, 2011

SPOTLIGHT ON TRAINEES

Our New Clinical Psychology Interns:



Alissa Haedt-Matt, M.A. is a doctoral candidate in the Department of Psychology at the University of Iowa. She is currently an intern on the Eating and Weight Disorders Track. Alissa completed her Bachelor's and Master's degree in Psychology at the University of Iowa.

Alissa has received numerous honors including a predoctoral National Research Service Award. She has thirteen peer-reviewed publications and book chapters and has presented her research at national and international conferences. Alissa's clinical rotations include the Center for the Surgical Treatment of Obesity and the Adolescent Eating Disorders Clinic.



Lisa Jacola, M.S., our Child intern hails from the Clinical Psychology Ph.D. program at the University of Cincinnati. She received her B.A. in Psychology from the University of Dayton and her Master's degree in Human Factors Psychology at Wright State University. Lisa is hoping to defend her dissertation investigating the relationship between executive functioning and maladaptive behavior in adolescents with Down syndrome within the next few weeks. She has five publications in peer-reviewed journals and numerous presentations at national conferences. Lisa is currently working in the Pediatric Neuropsychology Clinic and the Pediatric C/L Service.

SPOTLIGHT ON TRAINEES

Our Psychiatry Residents & Fellows:



Austin Osborn, M.D. is a current PGY-2 in our Psychiatry Residency Program. He obtained his undergraduate degree in Music Composition and Theory at Vanderbilt University, and during his time there explored his interest in the composition of Neo-Romantic works for various chamber music ensembles. His one orchestral piece entitled *Nox Mirabilis* was premiered by the Memphis Symphony Orchestra in 2001. He then completed his undergraduate medical training at Vanderbilt University where he honed his interest in the phenomenology of psychopathology. In Chicago he continues to pursue his interest in music and clarinet performance, having recently formed a chamber music ensemble for clarinet, viola, and piano. His interests as well include the intersection of religion and psychiatry and the treatment of pain disorders.

SPOTLIGHT ON ADMINISTRATION



Natalie Stachon Executive Administrative Assistant to the Chair.

Natalie joined the Department in March 2011 as the Executive Administrative Assistant to Dr. Emil Coccaro. In her role, she manages the activities of the Chair's office including scheduling, outside speaker coordination, department-related activities and other administrative needs. Before coming to the University Natalie was in a fast-paced emergency medical environment at Medtronic, Inc., where she worked for over ten years. She was responsible for Medtronic's Cardiology Chicago Division; she managed surgical schedules and held administrative responsibilities for several representatives. Natalie is a native of Chicago and currently resides in the southwest suburbs, with her four year old son, Nathan. In her spare time, she enjoys spending time with her son, friends, and her very close large family. Natalie enjoys movies- especially thrillers, good dining, and outdoor activities.

CLINICAL PROGRAMS

Adult Psychiatry Programs:

Mood Disorder Program*
Anxiety Disorder Program*
Personality Disorder Program*
Aggression Disorder Program*
Obesity Program
Psychotic Disorder Program*

Inpatient Psychiatry
Consultation-Liaison Psychiatry
Adult Clinical Neuropsychology

Child & Adolescent Programs:

Mood & Anxiety Disorder Program*
ADHD and Disruptive Disorder Program*
Developmental Disorder Program*
Eating Disorder Program*

Inpatient Psychiatry
Consultation-Liaison Psychiatry
C&A Clinical Neuropsychology

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RESEARCH PROGRAMS

Behavioral Genetic Studies of Aggression and Antisocial Behavior (Dr. Jacobson)

Behavioral Neuroscience Research Laboratory (Dr. Vezina)

Biologic & Pharmacologic Treatment Studies of Impulsive Aggression (Dr. Coccaro)

Biological and Treatment Studies of Nicotine and Alcohol Addiction (Dr. King)

Biological Studies of Stress and Personality (Dr. Lee)

Eating Disorder Treatment Studies (Dr. le Grange)

Human Neuropsychopharmacology (Dr. de Wit)

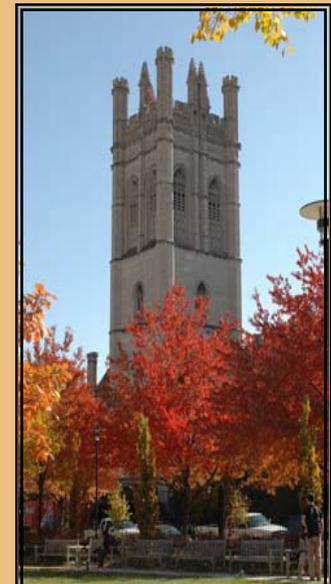
Molecular Genetics of Mood & Psychotic Disorders (Drs. Gershon, Badner, and Liu)

Molecular Psychopharmacology (Dr. Dulawa)

Obesity Research Treatment Studies (Dr. Chen)

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