

The University of Chicago

DEPARTMENT OF PSYCHIATRY & BEHAVIORAL NEUROSCIENCE

NEWSLETTER

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FALL 2009



CHAIR'S MESSAGE...

Welcome!

This is the first of three seasonal (Fall, Winter, and Spring) newsletters for AY 2009-10 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.

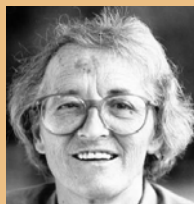
E.C. Manning Professor & Chair

Department of Psychiatry &

Behavioral Neuroscience

“TOP STORY”

DEPARTMENT TO BEGIN HONORIFIC GRAND ROUNDS LECTURES



In order to honor several of the “luminaries” who have graced the halls of our Department, our Grand Rounds Series will now have an honorific title for Grand Rounds presentations by outside speakers. These lectures will be named for former Chairmen, former and current faculty and others. The first of these lectures will feature Richard Lane, M.D., Ph.D. from the University of Arizona. Dr. Lane will present new data on the Neuroscience of Somatoform Disorders as seen in *CL Psychiatry* as the first Elisabeth Kübler-Ross Memorial Lecture on September 10th. Dr. Kübler-Ross (above) was at U of C in the 1970s and it is here, on the CL Service, that she developed her principles on the process of dying, later published in the landmark book entitled “On Death and Dying”. Dr. Robert Findling, M.D. will present on the Psychopharmacology of C&A Bipolar Disorder as the first John C. Kenward Memorial Lecture on October 8th. Dr. Kenward, M.D., was the Founder and the Director of the C&A program at U of C from 1954 through 1981. Lastly, in this quarter, John Sweeney, Ph.D. will present on the Neuroscience of Schizophrenia as the first Ellen C. Manning Lecture on November 12th. Ellen C. Manning is one of two departmental benefactors for which an endowed chair is named. The holder of this endowed chair is the current Chair of the Department.

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UPCOMING EVENTS:

- Research Section Retreat (12/2), P118
- Grand Rounds: L168 (12-1:30 PM)
 - R. Lane, M.D., Ph.D., U of Az (9/10)
 - J. Badner, M.D., Ph.D., U of C (9/17)
 - Compliance Update (9/24)
 - R. Findling, M.D., CWRU (10/8)
 - D. le Grange, Ph.D., U of C (10/15)
 - J. Sweeney, Ph.D., UIC (11/12)
 - B. Lahey, Ph.D. U of C (11/19)
 - D. Gozal, M.D., U of C (12/10)
- Case Conferences L168 (12-1:30 PM)
 - R. Marsielle (10/22)
 - S. Assuras (10/29)
 - A. Herard (12/17)

NEW FACULTY **C & A PSYCHIATRY**



Naranjin Karnik, M.D., Ph.D.

Over the summer, Niranjan Karnik joined our department as an Assistant Professor and Director of the Pediatric Consult-Liaison Service. Prior to joining our faculty, he was an Assistant Adjunct Professor at the University of California, San Francisco where he taught in both the Department of Psychiatry and the Department of Anthropology, History & Social Medicine. Dr. Karnik completed his undergraduate education at the University of Pennsylvania where he graduated with distinction in Anthropology. He then went on to join the Medical Scholars Program at the University of Illinois at Urbana-Champaign where he completed both his medical degree and Ph.D. in Sociology. His thesis examined the experiences and history of street children in Mumbai, India. After medical school he moved to California to undertake his general psychiatry residency and child psychiatry fellowship at Stanford University. Throughout this time he worked in the laboratory of Professor Hans Steiner on issues related to juvenile delinquency, conduct disorder, integrated treatment, and mental health disparities. He and Dr. Steiner are currently completing authorship of the AACAP Practice Parameter for the Treatment of Conduct Disorder. Since returning to Illinois, Dr. Karnik has resumed research with a group that he collaborated with while in medical and graduate school in Champaign and Rantoul called Generations of Hope. He is examining the effects of an intentional intergenerational community on the lives of foster children who are moving into adoptive homes.

FACULTY HONORS

Chair's Awards: 2008-2009

Most Outstanding Member of Faculty:

Lisa Sánchez-Johnsen / Deborah Spitz

Best Teaching Among Faculty:

Eunice Chen / Marie Tobin

Best Scholarship Among Faculty:

Daniel le Grange / Maureen Lacy

Best Citizenship Among Faculty:

Paul Vezina / Sharon Hirsch

Residents' Awards for Teaching **Faculty: 2008-09**

Marie Tobin (PGY I)

Morrie Goldman (PGY II)

Royce Lee (PGY III)

Harry Trosman & Elliot Gershon (PGY IV)

Overall Teaching Award: Elliot Gershon

FACULTY PROMOTIONS



Sharon Hirsch, M.D., has been promoted to Associate Professor of Psychiatry and Behavioral Neuroscience. Dr. Hirsch is the Section Chief of Child and Adolescent Psychiatry. She received her BA in the Plan II Honors Program from the University of Texas (Austin), and her

MD degree from the University of Texas Medical Branch (Galveston). She then went on to complete her residency, research, and fellowship training at the University of California in San Diego and in Los Angeles. Dr. Hirsch came to the University of Chicago in 2005, and since that time has been the Child Psychiatry Program Director and Director of Consultation-Liaison Psychiatry in addition to her current role as Section Chief. She continues to see patients both with trainees and in her private clinic, and is actively pursuing research on a variety of fronts including Neurodevelopmental Disorders, Depression Prevention, and Trauma Systems Therapy. She is active in promoting children's mental health, and has taken an active role both at the state and national level in advocating for better mental health care for children. Dr. Hirsch enjoys her time teaching medical students and residents. When she is away from work, she can be found working out at the gym and enjoying the outdoors as much as possible bicycling, gardening, camping, playing soccer with her children Sterling 12, Ellie 8, and Emma 6 or just walking T-Rex, her 3 year old Weimeramer/ Lab mix.

DEPARTMENTAL **EVENTS & ACTIVITIES**

Departmental Events:

Research Section Retreat (12/2: 1-4 PM) in P118

Grand Rounds (12:00—1:30 PM, L168):

Richard Lane, M.D., Ph.D., U of Az (9/10): Somatoform Dx

Judith Badner, M.D., Ph.D., U of C (9/17): Genetics

Compliance Update (9/24)

Robert Findling, M.D., CWRU (10/8): C&A Psychopharm

Daniel le Grange, Ph.D., U of C (10/15): Eating Disorders

John Sweeney, Ph.D., UIC (11/12): Schizophrenia

Ben Lahey, Ph.D. U of C (11/19): Disruptive Behavior Dx

David Gozal, M.D., U of C (12/10): Sleep Disorders

Case Conference (12:00—1:30 PM, L168):

Adult Psychiatry Resident Case: R. Marsielle (10/22)

Psychology Intern Case: S. Assuras (10/29)

C&A Psychiatry Resident Case: A. Herard (12/17)

CLINICAL MISSION: ADULT PSYCHIATRY



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

Since our last Newsletter report, the Adult Section has a few updates to report: (1) The Psycho-Oncology program is increasingly busy under the leadership of Drs. Marie Tobin and Amy Siston. The Transplant Program, under Dr. Michael Marcangelo, is also growing steadily. These programs, along with other specialty programs in Psychiatry, are part of the departmental effort to increase our value to the Medical Center (UCMC) and the highly specialized programs and the complex patients that they treat. These types of clinics also provide unique opportunities for our residents and trainees to treat these patients in supervised settings. (2) We are about to go live with a portion of the Electronic Medical Record. By the time the next Newsletter is out, our outpatient service will implement electronic orders, and electronic medication record and problem lists to share with other physicians in the hospital. This is the first step in integrating care with all the departments at UCMC. Although our individual notes will remain limited to Psychiatry only, the medication record, rational for changing medications and problem list will be shared, which along with our individual communications with other physicians at UCMC, integrates mental health care with the other care provided at UCMC. (3) Our outpatient ECT service is now limited to completing the acute treatment of care for our inpatients. We are currently working on finding an alternative for outpatient acute and maintenance ECT.

EDUCATION MISSION



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

This is the inaugural year of the U of C's affiliation with the Northshore University Health System. In psychiatry, our PGY-1 residents are spending 4 months on the adult inpatient unit at Northshore, along with our medical students who rotate there for the one-month psychiatry clerkship. Our PGY-2 residents on Community Psychiatry now spend one day per week at Northshore's community outpatient clinic. In C&A Psychiatry, first-year Child Residents spend 4 months on the C&A Inpatient Unit at Highland Park Hospital, with a plan for an expansion of the outpatient experience at Northshore in Year 2 of the C&A Residency. There have been many productive meetings between our training directors in adult and child psychiatry, and the Northshore faculty. Dr. Fred Miller, Chair at Northshore, has facilitated our work and supervised the PGY-2 residents on Community Psychiatry; Dr. Scott Gordon, Head of C-L at Northshore, has coordinated the development of educational programming at Northshore; and on the Inpatient Unit, Drs. Susan Anderson and Michael Chernaik have graciously presided over the transition, providing a welcoming atmosphere for our PGY-1's. For C&A, Dr. Karam Radwan, the new C&A Training Director, has been meeting with child psychiatry faculty at Highland Park to support the fellowship training effort there. We look forward to a long and productive relationship with Northshore.

CLINICAL MISSION: C & A PSYCHIATRY



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

The Child and Adolescent Psychiatry Section continues to evolve. Dr. Naranjin Karnik, M.D., Ph.D. (see page 2) has joined our section, and is now the Director of C-L with important assistance from Dr. Drossos. In addition to his clinical work, Dr. Karnik is conducting research into the effects of an intentional intergenerational community on the lives of foster children moving into adoptive homes with the Generations of Hope. On the training front, our C&A Residency Training Program was site visited, last spring, and received a five (5) year accreditation. Dr. Karam Radwan became the Training Director of the Program this summer and is now heading up our recruitment season for new C&A residents for next year. Our first year C&A Residents, Drs. Susan Buratto, Muhammed Junaid, and Xiaping Xie are rotating on the inpatient units at Lakeshore and in the Northshore University Health System. Our second year C&A Residents, Drs. Astrid Herard and Khalid Afzal, are busy with their outpatient year on the U of C main campus. Others continue to be very active in research. For example, Dr. le Grange and his Eating Disorders team were very productive last year and Dr. le Grange was the recipient of the Chair's Award for Scholarship for the third year in a row. Dr. Keenan continues her work with depression and Dr. Hunter continues his research collaborations with the Department of Pediatrics.

RESEARCH MISSION



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

Welcome back to another academic year. The thrill and rush of the ARRA funding opportunities has come and gone. As expected, the competition for these funds was fierce and the vast majority of applications went unfunded. Despite these odds, congratulations go to Dr. Kate Keenan for her successful R03 grant application to investigate the developmental co-morbidity of pain and depression in preadolescent girls. The Vezina group Program Project Grant studying the molecular, cellular, and behavioral consequences of nicotine exposure was also awarded a two year summer research training supplement. As we now turn our thoughts to the coming year, we need to focus on our research mission as a group. The Department boasts a number of very successful research teams and we rank among the best in the Division in terms of research salary recovery and in federal research dollars per faculty member. That said, we have lost three research programs in the past two years and these need to be replaced. This provides us with an opportunity to consider how we want research in the Department to grow. As we await more details for a program for the gradual expansion of the faculty over the next five years, now is the time for us to formulate a clear course of action for our Department. I look forward to discussing these and other important issues with you in our upcoming Research Faculty Retreat December 2nd. MARK YOUR CALANDARS!

FACULTY SPOTLIGHT



Tom Kramer M.D. is the Director of the Student Counseling and Resource Service (SCRS), part of the Office of Campus and Student Life. SCRS provides mental health care for students and their dependents who have paid the student health fee. Mental health services include diagnostic assessments, emergency services, crisis intervention, individual, couples, and/or group psychotherapy, medication management, academic skills counseling, and referral services. SCRS staff provides consultation to University faculty, staff, and administrators who have concerns about a student. SCRS has developed a mental health and wellness program that includes stress management, mindfulness, as well as discussions with students on a variety of mental health-related topics. SCRS providers include social workers, psychologists, and psychiatrists as well as clinical trainees. Currently, there are 24 (part- and full-time) SCRS staff and 5 students in our training program. Last year we saw 2269 students for 17,082 visits, 989 of which were emergent walk-ins. Within the Department, Dr. Kramer teaches the PGY 2 Psychopharm course and part of the Substance Abuse course over the summer, and teaches a Psychotherapy Case Conference with Deborah Spitz M.D. and a Psychopharmacology Case Conference with Royce Lee M.D. and Michael Marcangelo M.D. throughout the year. A former psychiatry residency training director, he participates in the Departmental Residency Education Committee and in residency recruitment.

CLINICAL PROGRAM SPOTLIGHT



Stephen Dinwiddie, M.D., is Director of our Forensic Service and is a Professor of Psychiatry in our department. Forensic psychiatry is a subspecialty within psychiatry that has been defined as the application of psychiatric knowledge and expertise to legal questions, for legal (rather than clinical) purposes.

Within the Department of Psychiatry and Behavioral Neuroscience, there are several faculty members who have been active in this area. Some (Drs. Dinwiddie and Yohanna) have subspecialty certification in Forensic Psychiatry, but others with particular expertise in specific areas have, from time to time, been asked to serve as experts for the court system. Dr. Peter Nierman has been active in medico-legal issues particularly related to child and adolescent psychiatry. Both Dr. Joe Fink and Dr. Maureen Lacy have been retained as experts in neuropsychology, while clinicians affiliated with the department – prominently, Dr. Diana Goldstein and Dr. Lisa Sworowski – are active in the practice of Forensic Psychology. Other faculty members, depending on availability, expertise, and interest, have from time to time served as experts. And, of course, as part of residency training, all residents are expected to have some familiarity with the issues of civil commitment and involuntary treatment, and in their third year of training are asked to participate in the evaluation of at least one forensic case.

FACULTY SPOTLIGHT



Stephanie Dulawa, Ph.D. is an Assistant Professor in the Department. Dr. Dulawa obtained her Ph.D. in Neuroscience at the UC San Diego and received her post-doctoral training at Columbia University, NY, NY.

Dr. Dulawa's basic science research program focuses on mouse models of anxiety, depression, and the mechanism of action of antidepressants. Her laboratory combines behavioral, pharmacological, and molecular biological techniques to study how mood and anxiety are regulated. These techniques include genetic engineering strategies that allow both spatial and temporal control over gene expression in mice. Recent work from her lab includes the development of an animal model for aspects of obsessive-compulsive disorder. Other recent studies from her lab have identified novel potential targets for faster-acting antidepressants. A new direction of research in her laboratory involves studies of activity-based anorexia (ABA), a phenomenon observed in rodents that provides a model for anorexia nervosa. Studies aimed at identifying how olanzapine reduces ABA are currently underway. Dr. Dulawa's laboratory is in the Knapp Center. She has several pre-doctoral and post-doctoral students as well as undergraduates from the College. Currently, Dr. Dulawa has several grants including a K Award from NIMH and an RO1 Grant Award to conduct this work.

RESEARCH PROGRAM SPOTLIGHT



Kristin Jacobson, Ph.D. is an Assistant Professor in our department. Dr. Jacobson's research interests are in how environmental, social, genetic, and biological factors interact in the development of antisocial behavior and aggression. Her current research interests concern the underlying neurobiology of aggression and antisocial behavior, and the capacity

of environmental experiences to alter biological and genetic effects. She is highly interested in applying ecological models of development to biological and genetic studies. In 2007, Dr. Jacobson received an NIH Director's New Innovator Award for her study "From Neighborhoods to Neurons and Beyond: A Study of Adolescent Development." This study collects data from 6th-8th graders on environmental factors at multiple levels of influence—neighborhood, community, school, parent, and peer effects—and combines these data with psychosocial, biological, neurobiological, and genetic measures. This study will help us to determine: 1) how environmental experiences, particularly stress, get "inside the skin" to affect biological and genetic processes; and 2) whether the importance of psychosocial, biological, and genetic factors varies across environmental context. Along with Dr. Coccaro, Dr. Jacobson oversees the U of C Twins Program which recently completed a multimodal study of aggression; it is currently collecting fMRI data from these twins. Dr. Jacobson also collaborates with Dr. Laura Baker (USC) on a twin study of adolescent antisocial behavior.

SPOTLIGHT ON SCHOLARSHIP

Last year, the faculty as a whole accounted for over more than 142 peer-review publications (~4.9 per Faculty), more than 20 book chapters (~0.7 per Faculty), and more than 112 presentations at national/regional meetings (~3.9 per Faculty). Examples of very recent peer-review publications from our faculty include:

Shanahan NA, Holick Pierz KA, Masten VL, Waeber C, Ansoorge M, Gingrich JA, Geyer MA, Hen R, Dulawa SC. Chronic reductions in serotonin transporter function prevent 5-HT1B-induced behavioral effects in mice. *Biological Psychiatry* 65:401-8, 2009.

Loweth JA, Svoboda R, Austin JD, Guillory AM, Vezina P. The PKC inhibitor Ro31-8220 blocks acute amphetamine-induced dopamine overflow in the nucleus accumbens. *Neuroscience Letters* 455:88-92, 2009.

Le Grange D, Lock J, Loeb K, Nicholls D. Academy for eating disorders position paper: The role of the family in eating disorders. *Int. J Eat Disorders*, Sept. 2, 2009 [Epub].

King A, McNamara P, Conrad M, Cao D. Alcohol-induced increases in smoking behavior for nicotized and denicotized cigarettes in men and women. *Psychopharmacology (Berl)*, Sept. 16, 2009 [Epub].

Coccaro EF, Lee R, Kavoussi RJ. Aggression, Suicidality, and Intermittent Explosive Disorder: Serotonergic Correlates in Personality Disorder and Healthy Control Subjects. *Neuropsychopharmacology*, Sep 23, 2009 [Epub].

SPOTLIGHT ON TRAINEES

Our New Clinical Psychology Interns:



Stephanie Assuras hails from Cornell. And has completed externships at Mount Sinai, North Shore / LIJ Medical Center, Bellevue Hospital, & NYU Medical Center. Research / laboratory skills are extensive including immocytochemistry, two dimensional electrophoresis and imaging analysis. She won the Leon Levy Foundation Fellowship for her research entitled "Biomarkers of Normal Pressure Hydrocephalus". Recent publications have been in *Brain and Language*, *Clinical Neurology and Neurosurgery*. Stephanie will be joining the Adult Neuropsychology track.



Kelly Berg hails from the University of Minnesota. Her dissertation is entitled "A study of the Validity of Eating Disorder Examination." Kelly completed externships at UM-Medical Center; UM Counseling Center, Minneapolis VA, and the Neuropsychiatric Institute. She had a recent publication in *American Journal of Psychiatry* (*Prevalence of Night Eating Syndrome in a Psychiatric Population*), along with multiple presentations at Society for Personality and Social Psychology, and APA. Kelly will be joining the Adult track.

SPOTLIGHT ON TRAINEES

Our Psychiatry Residents & Fellows:



Thomas Cantey, M.D. is currently a PGY 3 in our Psychiatry Residency. Dr. Cantey is a graduate of the University of Chicago Pritzker School of Medicine, class of 2007. He has interests in C&A Psychiatry, as well as addiction psychiatry, needs of sexual minorities in psychiatry, and medical education. He was one of six residents at the Medical Center recently awarded the Gold Humanism and Excellence in Teaching Award by the third year class of students. He is a musician, having been classically trained in saxophone, and has an interest in vocal and instrumental performance, as well as composition. He hopes to work at an academic institution in the role of Clinician/Educator.



Susan Buratto, M.D. is currently a First Year C&A Fellow. Before moving across the country to attend medical school at Wayne State, I Dr. Buratto worked for many years with Seattle's community of homeless women. Although virtually all of these individuals suffered from chronic mental illness, substance abuse or both, she says she never imagined becoming a psychiatrist; instead she says she planned to treat infectious disease or repair trauma damage. However, her experience in working with inner-city Detroit kids during medical school led her to pursue residency in Psychiatry and then a fellowship in C&A Psychiatry.

SPOTLIGHT ON ADMINISTRATION



Jerry Schissler, M.B.A. Jerry joined the administrative staff as Director of Budgets and Financial Operations in January 2008. In this capacity, his responsibilities include building and monitoring annual and periodic budgets, tracking and reporting clinical activity, analyzing charge volume and cash collections and managing the daily financial operations for Psychiatry and Behavioral Neuroscience as well as the departments of Neurology and Neurobiology. Previously, Jerry spent five years with the Dean's office, most recently as the Assistant Budget Director for the BSD, analyzing financial issues central to the medical center as well as specific to the clinical and research departments. Prior to his University of Chicago experience, Jerry worked for a large accounting firm as well as in seed-stage venture capital investing and served in the U.S. military. He graduated from the University of Illinois at Chicago with a B.S. in Finance in 1998 and completed the M.B.A. program at the University of Chicago Booth School of Business in 2007. A native of Chicago, Jerry lives in the southwest suburbs with his wife, two children, and two ungrateful golden retrievers.

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)

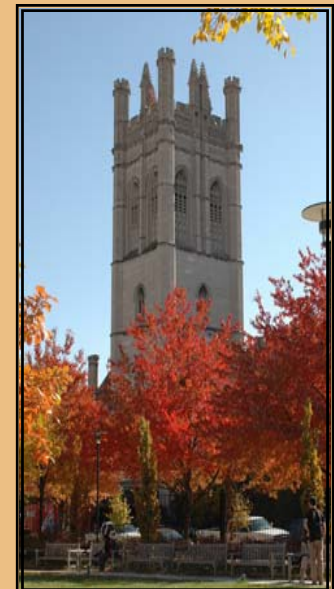
Molecular Psychopharmacology (Dr. Dulawa)

Multi-Cultural Health Research Program (Dr. Sánchez-Johnsen)

Obesity Research Treatment Studies (Dr. Chen)

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