Department of Psychiatry

Instruction in psychiatry is given during the second, third and fourth years of the medical curriculum. Emphasis is on the teaching of psychiatry as a medical discipline, including the biological, social and psychological mechanisms and manifestations of psychiatric illness, as well as psychological reactions to other illnesses. Psychiatric disorders are common and disabling illnesses. An explosion of knowledge resulting from research in neuroscience, genetics and epidemiology is leading to exciting advances in understanding and treating these disorders. Our department is heavily involved in this research, and our didactic curriculum integrates current clinical information with research advances to help students develop the knowledge, skills and attitudes to recognize these illnesses and understand the basic principles of treatment.

William Greenleaf Eliot Division of Child & Adolescent Psychiatry

The Division of Child & Adolescent Psychiatry (http://wuchild.wustl.edu) offers a varied teaching program for medical students, residents in psychiatry and fellows at St. Louis Children's Hospital and the Child Psychiatry Center. The center provides outpatient services to children with an array of mental disorders. Trainees are assigned to these various services, where they participate in diagnostic evaluations and see patients in treatment, under supervision of a fellow and attending physician.

Website: http://www.psychiatry.wustl.edu

Degrees & Requirements

While the Department of Psychiatry does not offer its own degree, some of the department’s courses are open to students in the MD and MSTP (MD/PhD) programs. Further information about the MD and MSTP degrees can be found in the Degrees & Programs Offered (http://bulletin.wustl.edu/medicine/degrees) section of this Bulletin.

Research

Note to Students: There are always a number of research projects in the Department of Psychiatry. For additional information contact Dr. Rubin, 314-362-2462.

Andrey Anokhin, PhD
Genetics of the Brain, Behavior and Psychopathology
Central Institute for the Deaf (CID) Building
660 S. Euclid Ave., Suite 1
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This research elective is intended for students interested in cognitive neuroscience, biological psychology, psychophysiology and behavior genetics. Dr. Anokhin's laboratory is investigating relationships between genes, brain and behavior in order to better understand the complex etiology of mental disorders. Our main focus is on “externalizing” spectrum of psychopathology characterized by deficits in inhibitory self-regulation including ADHD, conduct disorder, and addictive behaviors. We are particularly interested in the intermediate phenotypes, or endophenotypes, relating genetic risk for addiction such as impulsivity, risk taking, and abnormal affective processing of social-emotional information. In our laboratory-based studies with human volunteers, including twins, we investigate individual differences in brain activity using the recording of brain oscillations (event-related brain potentials, or ERPs) and functional magnetic resonance imaging (fMRI). For example, an ongoing longitudinal study of adolescent twins explores developmental and genetic determinants of brain activity related to reward and punishment processing, inhibitory control of behavior, and risk-taking to identify prospective predictors of substance abuse and associated behavioral problems. Another fMRI study using repeated assessments of the same individuals over time is focused on the identification of stable individual differences in brain activation related to inhibitory control, error monitoring, and reward processing that can be used as reliable phenotypes in genetic analyses. We are now starting a study that will examine twins who are discordant for adolescent marijuana use in order to identify the consequences of drug abuse for the brain, cognition, and emotion and distinguish them from pre-existing risk factors. Interested students will be able to learn a variety of methods used in these studies, such as the recording and analysis of brain oscillations, event-related neural dynamics, startle response, and autonomic measures, administration of neuropsychological and behavioral tests, and statistical analysis of data. Format of this research elective may include: (1) directed reading; (2) participation in laboratory experiments involving human subjects; (3) analysis of existing data from various research projects; (4) designing and piloting new behavioral experiments. Qualifications: Reliability and responsibility, ability to commit specified amount of time per week and work on schedule which can be negotiated on an individual basis, and good computer skills.

Deanna M. Barch, PhD
Cognitive and Affective Neuroscience of Schizophrenia and Depression
4525 Scott Avenue, Suite 1153K
Phone: 314-747-2160

Students may participate in the conduct of clinical studies of schizophrenia and depression. Involvement in clinical studies can include training and experience in interviewing psychiatric patients, or gaining experience in the techniques of assessing cognitive and emotional function using behavioral and brain imaging methods.
**Laura Jean Bierut, MD**  
Maternity Building  
Phone: 314-362-2544  
This research elective will focus on analyzing data from high-risk studies of smoking and other addictions. Students will have the opportunity to examine genetic and environmental factors that place some at risk for developing nicotine, alcohol and other substance dependence and protect others from the development of these disorders.

**Kevin J. Black, MD**  
4525 Scott Ave., Room 2205  
Phone: 314-362-5041  
Email: kevin@wustl.edu  
Students will participate in ongoing studies of brain imaging, movement disorders or neuropsychiatric illnesses. Degree of participation will relate to the student’s available research time, skills and interest. Visit our webpage (http://www.nil.wustl.edu/labs/kevin) for examples of past research.

**Ginger E. Nicol, MD**  
Taylor Avenue Building, Suite 121  
Phone: 314-362-5154  
Clinical research concerning metabolism and the regulation of weight and body composition in persons with mental illness, particularly during exposure to psychotropic medications. Additional projects include: 1) participation in the interpretation of results from clinical trials testing the effectiveness of behavioral weight loss in mentally ill individuals; 2) participation in clinical studies testing the effectiveness of psychotropic medications in mentally ill youth and adults; 3) use of administrative data to characterize and examine provider behaviors, including prescribing practices and adherence to standard of care monitoring practices in mentally ill youth and adults; 4) participation in the development and use of mobile health interventions to collect data and to promote health behavior change in mentally ill individuals; and 5) participation in the development, implementation and effectiveness testing of patient safety and quality improvement (PSQI) interventions in mentally ill patients in Washington University outpatient psychiatry clinic settings. This elective offers the student a broad exposure to clinical research protocols, including protocols in adults and children. Students will have an opportunity to focus on a particular project of interest.

**Rumi Kato Price, PhD, MPE**  
Central Institute for the Deaf (CID) Building  
4560 Clayton Rd.  
Phone: 314-286-2283  
Medical and graduate students, postdoctoral and clinical fellows will work closely with Dr. Price and her collaborators on ongoing research projects in substance abuse, psychiatric epidemiology, and prevention in the community research context. The current projects include: implementation of a sensor-and smartphone-based technology to monitor and manage post-traumatic stress disorder (PTSD) and anxiety disorder symptoms; and epidemiology and clinical studies of human trafficking in the St. Louis region and more globally. We work closely with the Institute for Public Health and collaborate with multidisciplinary faculty (computer sciences, biomedical engineering, social work, nursing, women’s studies and international studies) as well as with community leaders.

### Psychiatric and Behavioral Health Sciences Concentration

Rumi Kato Price, PhD, MPE (concentration program director); Arpana Agrawal, PhD; Kathleen B. Bucholz, PhD, MPE; Li-Shiun Chen, MD; Anne Glowinski, MD, MPE; Rick Grucza, PhD, MPE  
Taylor Avenue Building (TAB)  
660 S. Taylor Ave.  
Phone: 314-286-2283

Courses are held at the Institute for Public Health TAB building. The Psychiatric and Behavioral Sciences Concentration, an integral component of the Master of Population Health Sciences (MPHS) accredited in WUSM and taught by Psychiatry faculty members, provides clinician-researchers, postdoctoral fellows, and advanced medical and other graduate students with strong conceptual and methodological skills required for the design, advanced analysis and interpretation of epidemiological and treatment-effectiveness studies. With an emphasis on a clinical approach to psychiatric and addiction health research, didactic training focuses on in-depth understanding of disease phenotypes, pathobiology and developmental trajectories; understanding the underlying biological and environmental factors and their interactions; understanding the role of psychiatric epidemiology in disease prevention and intervention; and evaluating psychiatric clinical treatment and management programs of psychopathology. A fellow/student has an option of applying for a MPHS degree program or taking appropriate courses as part of their training or academic program.

A total of 18 credits are needed for this Concentration for a matriculated student. Currently available courses include:

1. M19 PHS 561 Epidemiology of Psychiatric Disorders across the Lifespan (course director: A. Glowinski, MD; 3 credits): This course takes an integrated developmental approach to the epidemiology, etiology and evolving nosology of psychiatric disorders.
2. M19 PHS 562 Addictions and Addictive Behaviors (course director: R. Grucza, PhD; 3 credits): This course provides an overview of the principles of substance-related addictions and the processes and mechanisms that underlie addiction.
3. M19 PHS 5656 Global Burden of Diseases: Methods and Applications (S55 MPH 4003) (course director: R.K. Price, PhD; 3 credits): This course provides an overview of the...
current methods for studying global burden of medical and psychiatric diseases from a multidisciplinary perspective.

Faculty

Department Chair
Charles F. Zorumski, MD

Visit our website for more information about our faculty (http://www.psychiatry.wustl.edu/Faculty) and their appointments.

A

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Professor of Psychiatry (primary appointment)
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MSW Univ of Wisconsin Madison 1974
BA University of Illinois 1972
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PHD School Not Listed 1997
MS University of Canterbury 1989
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PHD University of Iowa 1991
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BS University of CA Santa Barbara 1996
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Brendan Joseph O'Connor, MD
Assistant Professor of Psychiatry (primary appointment)
MD Creighton University 2010
BS Creighton University 2006

Kalu Onuma
Instructor in Clinical Psychiatry (primary appointment)

Akinkunle Owoso, MD, BS1
Assistant Professor of Psychiatry (primary appointment)
MD University of Oklahoma 2007
BA University of Oklahoma 2003
BS1 University of Oklahoma 2003

Vasileios Panagopoulos
Instructor in Clinical Psychiatry (primary appointment)

Pablo Pastor, MD, PHD
Visiting Instructor in Psychiatry (primary appointment)
MD University of Barcelona 2001
PHD University of Barcelona 1992

Steven Marc Paul, MD, MS
Professor of Psychiatry (primary appointment)
Professor of Neurology
MD Tulane University 1975
BS Tulane University 1972
MS Tulane University 1975

Michele L. Pergadia, MS, PHD
Associate Professor of Psychiatry (Pending Executive Faculty Approval) (primary appointment)
BA Washington Univ in St. Louis 1991
MS Finch Univ of Health Sciences 1997
PHD Finch Univ of Health Sciences 2001

Stephen E Peterson
Instructor in Clinical Psychiatry (Child) (primary appointment)

Elizabeth F Pribor, MD
Associate Professor of Clinical Psychiatry (primary appointment)
MD Saint Louis University 1985
BA Emory University 1981

Rumi Kato Price, PHD, MPE, MA
John R. Pruett Jr, MD, PHD
Associate Professor of Psychiatry (Child Psychiatry) (primary appointment)
Associate Professor of Psychological & Brain Sciences (Courtesy)
Associate Professor of Radiology
BA Princeton University 1990
MD Washington Univ in St. Louis 2000
PHD Washington Univ in St. Louis 2000

John S Rabun, MD
Instructor in Clinical Psychiatry (primary appointment)

Tahir Rahman, MD
Associate Professor of Psychiatry (primary appointment)
MD University of Kansas Medical 1995

Alex Taylor Ramsey, PHD, MA
Instructor in Psychiatry (primary appointment)
PHD Southern Illinois U Carbondale 2012
MA Southern Illinois U Carbondale 2010
BS University of Evansville 2008

Diane Rankin, MD
Assistant Professor of Clinical Psychiatry (primary appointment)
BA University of Colorado Boulder 1962
MD University of Colorado Boulder 1968

Radhika Rao, MD
Instructor in Clinical Psychiatry (primary appointment)
MD University of South Dakota 2001

Syed A Raza, MD
Assistant Professor of Clinical Psychiatry (Child Psychiatry) (primary appointment)
MD School Not Listed 1959
BS Osmania Medical College 1953

Chandrashekar Reddy
Instructor in Clinical Psychiatry (primary appointment)

Angela M. Reiersen, MS PSYC, MD
Assistant Professor of Psychiatry (Child Psychiatry) (primary appointment)
MS PSYC Washington Univ in St. Louis 2006
MD University of Southern Calif 1999
BS University of CA Davis 1994

Daniel B. Reising
Instructor in Clinical Psychiatry (Child Psychiatry) (primary appointment)

John P Rice, PHD, MA
Professor of Mathematics in Psychiatry (primary appointment)
Professor of Biostatistics
Professor of Genetics
BA Cornell University 1969
PHD Washington Univ in St. Louis 1975
MA Washington Univ in St. Louis 1972

Cheryl Richards, PHD, MA
Assistant Professor of Psychiatry (primary appointment)
Assistant Professor of Medicine
BS Ohio University 1977
PHD University of Illinois 1987
MA University of Illinois 1981

Thomas F Richardson, MD
Professor of Psychiatry (primary appointment)
MD Washington Univ in St. Louis 1963
BA Millikin University 1960

William M Riedesel II, MD
Associate Professor of Clinical Psychiatry (primary appointment)
MD Cornell University 1973
BA University of Rochester 1968

Syed T Rizvi
Assistant Professor of Clinical Psychiatry (Child Psychiatry) (primary appointment)

John Deno Rogakos, MD
Instructor in Clinical Psychiatry (Child Psychiatry) (primary appointment)

Cynthia E Rogers, MD
Assistant Professor of Psychiatry (primary appointment)
MD Washington Univ in St. Louis 2005
BA Harvard University 1998

Eugene Harold Rubin, PHD, MD
Professor of Psychiatry (primary appointment)
Professor of Psychological & Brain Sciences (courtesy)
Vice Chairman for Education, Department of Psychiatry
PHD Washington Univ in St. Louis 1977
MD Washington Univ in St. Louis 1978
BA University of Rochester 1971

John Conrad Rudersdorf
Instructor in Clinical Psychiatry (Child) (primary appointment)

James Rutherford, MD
Assistant Professor Emeritus of Clinical Psychiatry (primary appointment)
BA Drake University 1975
MD University of Iowa 1980

Jo-Ellyn M Ryall, MD
Associate Professor of Clinical Psychiatry (primary appointment)
MD Washington Univ in St. Louis 1975
Frank Scott Saccone, PHD
Associate Professor of Psychiatry (primary appointment)
BA Rensselaer Polytechnic Inst 1990
PHD Brown University 1995

Berette A Salazar, MD
Assistant Professor of Clinical Psychiatry (primary appointment)
MD University of New Mexico 1982
BA Middlebury College 1973

Carolyn E. Sartor, MS, PHD
Adjunct Assistant Professor of Psychiatry (primary appointment)
MS Catholic University America 1999
PHD Palo Alto College 2005
BS Oberlin College 1994

Norman Sartorius
Adjunct Professor of Psychiatry (primary appointment)

Jeffrey Frank Scherrer, PHD
Adjunct Associate Professor of Psychiatry (primary appointment)
PHD Saint Louis University 2004

Jeffrey I Schulman, MD, MBA
Instructor in Clinical Psychiatry (Child Psychiatry) (primary appointment)
MD University of Kentucky 1974
MBA Washington Univ in St. Louis 1988
BA Yale University 1970

Adelita Segovia Langley
Associate Professor of Clinical Psychiatry (Child Psychiatry)
(primary appointment)

Bryan Norbert Sewing, DOST
Instructor in Psychiatry (primary appointment)
BS Texas Christian University 1991
DOST Kirksville College of Osteopat 1998

Paul W Sheffner, MD
Assistant Professor of Clinical Psychiatry (primary appointment)
MD Washington Univ in St. Louis 1974

Barbara Sue Silverstein, PHD, MSW
Assistant Professor of Clinical Psychiatry (Child Psychiatry)
(primary appointment)
PHD Saint Louis University 1992
MSW Washington Univ in St. Louis 1981
BS University of Missouri 1978

Nathan M Simon, MS, MD
Professor Emeritus of Clinical Psychiatry (primary appointment)
MS Yale University 1950
BS Yale University 1949
MD Washington Univ in St. Louis 1955

Reed Earl Simpson, MD
Assistant Professor of Clinical Psychiatry (primary appointment)
MD Washington Univ in St. Louis 1976
BA Wabash College 1972

Judith Ann Skala, MA, PHD, RN, RN
Instructor in Psychiatry (primary appointment)
MA Washington Univ in St. Louis 1992
PHD Washington Univ in St. Louis 2001
BS Washington Univ in St. Louis 1989
RN St Louis Community College 1981
RN 1981

Stacey L Smith, MD
Assistant Professor of Clinical Psychiatry (primary appointment)
BA Northwestern University 1986
MD Northwestern University 1991

Timothy Eric Spiegel, MD
Assistant Professor of Psychiatry (Child Psychiatry) (primary appointment)
BS Saint Louis University 2006
MD University of Utah 2011

Wayne A Stillings, MD
Assistant Professor of Clinical Psychiatry (primary appointment)
MD Washington Univ in St. Louis 1975
BA Oberlin College 1971

Catherine Striley
Adjunct Assistant Professor of Psychiatry (primary appointment)

Jagdish C Suri, UNKNOWN, MD
Assistant Professor of Clinical Psychiatry (Child Psychiatry) (primary appointment)
UNKNOWN School Not Listed 1959
MD School Not Listed 1964
BS School Not Listed 1954

Vinod Suri, UNKNOWN
Instructor in Clinical Psychiatry (Child Psychiatry) (Full-Time at Hawthorn Children’s Psychiatric Hospital) (primary appointment)
UNKNOWN Punjab University 1962

Dragan M Srtrakic, MD, PHD
Professor of Psychiatry (primary appointment)
MD University of Belgrade 1978
PHD University of Belgrade 1989

Chad M Sylvester, MD, PHD
Assistant Professor of Psychiatry (Child Psychiatry) (primary appointment)
MD Washington Univ in St. Louis 2009
PHD Washington Univ in St. Louis 2009
BS University of Notre Dame 2001

Mini Tandon, DOST
Assistant Professor of Psychiatry (Child Psychiatry) (primary appointment)
DOST Kansas Cty Univ Med/Bioscience 2002
BS Truman State University 1997

**Alexandre Todorov, PHD, M ED**
Professor of Psychiatry (primary appointment)
BS Vanderbilt University 1985
PHD Louisiana St University 1992
M ED Vanderbilt University 1988

**Ludwig Trillo Alvarez, MD**
Instructor in Psychiatry (primary appointment)
MD Universidad de San Agustin 2005

**V**

**Michele Van Eerdewegh, MD**
Instructor in Clinical Psychiatry (primary appointment)
MD School Not Listed 1970

**Jeffrey A. Vander Kool, MD**
Instructor in Clinical Psychiatry (primary appointment)
BS University of Iowa 1997
MD University of Iowa 2002

**Jessica Vanderlan, PHD, MA**
Instructor in Psychiatry (primary appointment)
BA University of Michigan 2004
PHD Alliant University 2015
MA Alliant University 2013

**Garry M. Vickar**
Instructor in Clinical Psychiatry (primary appointment)

**W**

**Mary C. Waldron, PHD**
Adjunct Assistant Professor of Psychiatry (primary appointment)
PHD University of Virginia 2004

**Sara Walker, MD**
Instructor in Clinical Psychiatry (primary appointment)
MD University of South Florida 2001

**Marysia Weber**
Instructor in Clinical Psychiatry (primary appointment)

**Reuben R Welch II, PHD, M ED**
Associate Professor of Psychiatry (primary appointment)
PHD University of Missouri 1988
BA Point Loma Nazrene College 1980
M ED University of Missouri 1982

**Zila Welner, MD**
Associate Professor of Clinical Psychiatry (Child Psychiatry)
MD School Not Listed 1961

**John Bair Whitfield**
Adjunct Instructor in Psychiatry (primary appointment)

**Denise Wilfley, PHD**
Professor of Psychiatry (primary appointment)

**Professor of Medicine**

**Professor of Pediatrics**

**Professor of Psychological & Brain Sciences**
Scott Rudolph University Professor
PHD University of Missouri Columbi 1989

**Matthew Stewart Wilson**
Instructor in Clinical Psychiatry (primary appointment)

**Eric Nicholas Wittrock, DOST**
instructor in Psychiatry (Child) (primary appointment)
DOST Kansas State University 2011

**Edwin D Wolfgram, MD**
Assistant Professor of Clinical Psychiatry (primary appointment)
MD University of Iowa 1959
BS Iowa State University 1954

**Fay Yeh Womer, MD**
Associate Professor of Psychiatry (primary appointment)
MD University of Connecticut 2003
BS Washington Univ in St. Louis 1999

**David F Wozniak, PHD, MA**
Professor of Psychiatry (primary appointment)
Adjunct Associate Professor of Psychological & Brain Sciences
PHD Washington Univ in St. Louis 1984
BA Hobart College 1973
MA Connecticut College 1977

**Christopher Wuertz, MD**
Assistant Professor of Clinical Psychiatry (primary appointment)
MD University of Illinois 1984

**Y**

**Sean H Yutzy**
Adjunct Professor of Psychiatry (primary appointment)

**Z**

**Charles F Zorumski, MD**
Samuel B. Guze Professor of Psychiatry (primary appointment)
Head of the Department of Psychiatry
Professor of Neuroscience
MD Saint Louis University 1978
BA Saint Louis University 1974

**Jorge Sergio Zwir, MS, BSCS, PHD**
Assistant Professor of Psychiatry (primary appointment)
MS Universidad del Buenos Aires 1995
BSCS Universidad del Buenos Aires 1991
PHD University of Granada 2001

**Courses**

Visit online course listings to view offerings for M85 Psych
M85 Psych 676A Diseases of the Nervous System: Psychiatry
This course will emphasize the diagnosis of major psychiatric illnesses in adults and children. Psychiatric diseases will be described in terms of epidemiology, clinical presentations, natural history, genetics, differential diagnosis and clinical management. Biological and psychological influences on these diseases will be presented. Interviewing techniques and performance of the mental status exam will be demonstrated by patient interviews. Credit 44 units.

M85 Psych 770 Psychiatry Clerkship
Students spend four weeks on the inpatient psychiatry service of Barnes-Jewish Hospital and, beginning summer of 2017, some students will also be assigned to the St. Louis Psychiatric Stabilization Center (PSC). Students evaluate and treat patients under the supervision of house staff and an attending physician, and attend teaching conferences, including small group sessions with WUSM clinical faculty and upper-level psychiatry residents. A variety of experiences providing exposure to inpatient treatment settings are available. Students are responsible for completing learning exercises and other assignments. Credit 154 units.

M85 Psych 771 Ambulatory Clerkship: Psychiatry for Generalists
Up to two students may elect to pursue their ambulatory medicine selective through the psychiatry department. Students participate in clinical duties depending on assigned locations, which can include the BJH adult psychiatry clinic, a community mental health center, the Washington University child and adolescent psychiatry clinic, and both the adult and child psychiatry consultation services. Students will also submit a written review of a relevant clinical topic of their choice. There are no call obligations at any clinical site. Credit 154 units.

M85 Psych 805 Psychiatry Consult Service
Valid start weeks for four-week blocks are: Weeks 1, 5, 9, 13, 17, 21, 25, 29, 33, 37 and 41. Students will participate in the evaluation of children and adolescents who may be at high risk of developing schizophrenia later in life (for example, nonspecific symptoms along with recent deterioration in functioning) or early life characteristics that may indicate risk for schizophrenia (such as new-onset attenuated psychotic symptoms). Students may also work with the BJH Manager of Case Management. The student will learn relevant criminal statutes regarding competency and civil commitment, causation in civil litigation, the concept of medical malpractice and risk assessment of violence and suicide. There may be the opportunity to witness sexually violent predator evaluations and/or treatment. The student will be required to research and write an opinion on a specific, approved topic in forensic psychiatry. The objectives will be measured by attendance and by formal evaluation of the student’s participation and knowledge during the supervision discussion. It will also be determined by the originality, thoroughness and quality of the research paper. Credit variable, maximum 3 units.

M85 Psych 840 Child Psychiatry
This elective in child psychiatry utilizes the Child Psychiatry Outpatient Clinic and the consult-liaison service at St. Louis Children’s Hospital. It provides experience in age-appropriate diagnostic and treatment methods in children and adolescents. A paper on a topic of the student’s choosing is required. Credit variable, maximum 3 units.

M85 Psych 844 Forensic Psychiatry
The medical student will be actively involved in many aspects of forensic psychiatry including civil litigation, workman’s compensation, malpractice, civil commitment and guardianship. There may be opportunities to be involved in criminal forensic issues. The student will work with Drs. Jarvis, Harbit, and Garland within the Department of Psychiatry but will primarily meet with Dr. Jarvis a minimum of two hours a week. They will also work with the BJH Manager of Case Management and the City of St. Louis Probate Court. The student will also be assigned readings of landmark cases, textbooks, psychiatric expert opinions, legal filings with the probate court and attend civil hearings. The student will learn relevant criminal statutes regarding competency and civil commitment, causation in civil litigation, the concept of medical malpractice and risk assessment of violence and suicide. There may be the opportunity to witness sexually violent predator evaluations and/or treatment. The student will be required to research and write an opinion on a specific, approved topic in forensic psychiatry. The objectives will be measured by attendance and by formal evaluation of the student’s participation and knowledge during the supervision discussion. It will also be determined by the originality, thoroughness and quality of the research paper. Credit variable, maximum 3 units.

M85 Psych 855 Introduction to Eating Disorders
Students will learn the basics of assessment, participate in groups that focus on family education, gain experience in interdisciplinary psychiatric team work, attend case discussions with psychiatrists, and participate in treatment planning. Students will be able to describe core symptoms, recommend treatment options, and discuss the medical, nutritional, and psychiatric components of treatment.

M85 Psych 880 Schizophrenia Precursors & Prodromal States
This is an opportunity for trainees to gain experience in the evaluation of children and adolescents who may be at high risk for schizophrenia. The rotation would center around the “First Contact Assessment Service,” which evaluates patients who show characteristics suggestive of prodromal schizophrenia (such as new-onset attenuated psychotic symptoms along with recent deterioration in functioning) and/or early life characteristics that may indicate risk for developing schizophrenia later in life (for example, nonspecific...
social/emotional/behavioral symptoms in a child/adolescent with a strong family history of schizophrenia). Since the full symptoms of schizophrenia are often preceded by a wide range of childhood behavioral and developmental abnormalities, this rotation would also help trainees integrate information regarding the continuity between childhood development and adult psychopathology. Trainee would observe all aspects of First Contact evaluations (including semi-structured diagnostic interviews and examination of subtle neurological signs), participate in case discussions, and observe follow-up consultations involving patients with psychotic and/or complex neurodevelopmental disorders. Trainee would also be required to write a literature review on a topic relevant to the rotation.

M85 Psych 889 Interventional Psychiatry
Enrollment limit per period: One. Valid start weeks for four-week blocks are: Weeks 1, 5, 9, 13, 17, 21, 25, 29, 33, 37 and 41. Interventional Psychiatry involves the application of ECT (Electroconvulsive Therapy), rTMS (Repetitive Transcranial Magnetic Stimulation) and VNS (Vagus Nerve Stimulation) in the treatment of medication-resistant psychiatric illness. The student will participate in the evaluations of patients referred to the Treatment Resistant Depression Clinic supervised by Dr. Charles Conway. The student will be involved in the neuropsychiatric assessment of patients referred for ECT. In addition, the student will receive training in the application of ECT and in the clinical management of patients receiving inpatient and outpatient ECT. As cases become available, the student will be involved in rTMS and VNS evaluations and treatment. The student will be encouraged to review appropriate literature and make clinically relevant case-oriented presentations. The student will be expected to write a review of a self-selected clinic topic relevant to interventional psychiatry. As advances in the field occur, the rotation may also involve exposure to individuals receiving other modalities of intervention, including deep brain stimulation (DBS) and magnetic seizure therapy (MST).

M85 Psych 900 Research Elective-Psychiatry
Research opportunities may be available. If interested, please contact the Department of Psychiatry.