**Department of Psychiatry**

Instruction in psychiatry is given throughout 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 needed to recognize these illnesses and to 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, which 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 the supervision of a fellow and the attending physician.

Website: [http://www.psychiatry.wustl.edu](http://www.psychiatry.wustl.edu)

**Faculty**

Charles F. Zorumski, MD (https://psychiatry.wustl.edu/people/charles-zorumski-md/)
Department Chair

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

**A**

Arpana Agrawal, Ph.D.
Professor of Psychiatry (primary appointment)
Lecturer in Psychology
Doctor of Philosophy, Virginia Commonwealth University, 2004

Aqeeb Ahmad
Instructor in Clinical Psychiatry

Kirsten Gilbert Alberts, Ph.D.
Assistant Professor of Psychiatry (primary appointment)
Bachelor of Arts, Stanford University, 2005

**B**

Michael Roman Banton, M.D.
Instructor in Clinical Psychiatry
Bachelor of Arts, Johns Hopkins University Medical (Duplicate of Johns Hopkins University), 1981
Doctor of Medicine, Saint Louis University, 1985

Vadim Baram
Instructor in Clinical Psychiatry

Desiree Cherie Baumgartner
Instructor in Psychiatry (primary appointment)

Laura J Bierut, M.D.
Professor of Psychiatry (primary appointment)
Alumni Endowed Professor of Psychiatry
Bachelor of Arts, Harvard University, 1982
Doctor of Medicine, Washington University in St Louis, 1987

Doctor of Philosophy, Yale University, 2014

Dale J Anderson, M.D.
Instructor in Clinical Psychiatry
Doctor of Medicine, Washington University in St Louis, 1978

Richard H Anderson, M.S., Ph.D., M.D.
Instructor in Clinical Psychiatry
Bachelor of Science, Brigham Young University, 1982
Master of Science, Brigham Young University, 1984
Doctor of Philosophy, Brigham Young University, 1986
Doctor of Medicine, Saint Louis University, 1989

Andrey P Anokhin, M.S., Ph.D.
Professor of Psychiatry (primary appointment)
Master of Science, Moscow State University, 1981
Doctor of Philosophy, Russia Academy of Science, 1987

E. James Anthony, M.S., Ph.D., M.D.
Professor Emeritus of Psychiatry (Child Psychiatry)
Bachelor of Science, School Not Listed, 1938
Master of Science, School Not Listed, 1941
Doctor of Philosophy, School Not Listed, 1948
Doctor of Medicine, School Not Listed, 1949

Scott J Arbaugh, M.D.
Instructor in Clinical Psychiatry
Bachelor of Arts, Saint Louis University, 1980
Doctor of Medicine, Saint Louis University, 1985

Ahmad Beheshti Ardekani, M.D.
Assistant Professor of Clinical Psychiatry
Doctor of Medicine, School Not Listed, 1974

Naazia H Azhar, M.B.A., M.D.
Assistant Professor of Psychiatry (primary appointment)
Bachelor of Science, Union College New York, 2008
Master of Business Administration, Union College New York, 2009
Doctor of Medicine, Albany Medical College, 2012

**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, which 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 the supervision of a fellow and the attending physician.

Website: [http://www.psychiatry.wustl.edu](http://www.psychiatry.wustl.edu)

**Faculty**

Charles F. Zorumski, MD (https://psychiatry.wustl.edu/people/charles-zorumski-md/)
Department Chair

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

**A**

Arpana Agrawal, Ph.D.
Professor of Psychiatry (primary appointment)
Lecturer in Psychology
Doctor of Philosophy, Virginia Commonwealth University, 2004

Aqeeb Ahmad
Instructor in Clinical Psychiatry

Kirsten Gilbert Alberts, Ph.D.
Assistant Professor of Psychiatry (primary appointment)
Bachelor of Arts, Stanford University, 2005

Doctor of Philosophy, Yale University, 2014

Dale J Anderson, M.D.
Instructor in Clinical Psychiatry
Doctor of Medicine, Washington University in St Louis, 1978

Richard H Anderson, M.S., Ph.D., M.D.
Instructor in Clinical Psychiatry
Bachelor of Science, Brigham Young University, 1982
Master of Science, Brigham Young University, 1984
Doctor of Philosophy, Brigham Young University, 1986
Doctor of Medicine, Saint Louis University, 1989

Andrey P Anokhin, M.S., Ph.D.
Professor of Psychiatry (primary appointment)
Master of Science, Moscow State University, 1981
Doctor of Philosophy, Russia Academy of Science, 1987

E. James Anthony, M.S., Ph.D., M.D.
Professor Emeritus of Psychiatry (Child Psychiatry)
Bachelor of Science, School Not Listed, 1938
Master of Science, School Not Listed, 1941
Doctor of Philosophy, School Not Listed, 1948
Doctor of Medicine, School Not Listed, 1949

Scott J Arbaugh, M.D.
Instructor in Clinical Psychiatry
Bachelor of Arts, Saint Louis University, 1980
Doctor of Medicine, Saint Louis University, 1985

Ahmad Beheshti Ardekani, M.D.
Assistant Professor of Clinical Psychiatry
Doctor of Medicine, School Not Listed, 1974

Naazia H Azhar, M.B.A., M.D.
Assistant Professor of Psychiatry (primary appointment)
Bachelor of Science, Union College New York, 2008
Master of Business Administration, Union College New York, 2009
Doctor of Medicine, Albany Medical College, 2012

**B**

Michael Roman Banton, M.D.
Instructor in Clinical Psychiatry
Bachelor of Arts, Johns Hopkins University Medical (Duplicate of Johns Hopkins University), 1981
Doctor of Medicine, Saint Louis University, 1985

Vadim Baram
Instructor in Clinical Psychiatry

Desiree Cherie Baumgartner
Instructor in Psychiatry (primary appointment)

Laura J Bierut, M.D.
Professor of Psychiatry (primary appointment)
Alumni Endowed Professor of Psychiatry
Bachelor of Arts, Harvard University, 1982
Doctor of Medicine, Washington University in St Louis, 1987
Callie Bishop  
Instructor in Psychiatry (primary appointment)  

Monica E. Bishop, M.D.  
Professor of Psychiatry (primary appointment)  
Bachelor of Arts, University of Pennsylvania, 1995  
Doctor of Medicine, Washington University in St Louis, 2001  

Kevin J. Black, M.D.  
Professor of Psychiatry (primary appointment)  
Professor of Radiology  
Professor of Neurology  
Professor of Neurosciences  
Bachelor of Science, Brigham Young University, 1986  
Doctor of Medicine, Duke University, 1990  

Donald David Bohnenkamp, M.D.  
Associate Professor of Psychiatry (primary appointment)  
Bachelor of Science, Saint Louis University, 2003  
Doctor of Medicine, University of Nebraska Medical Center, 2007  

Marie A. Bosch, Ph.D., M.D.  
Assistant Professor of Psychiatry (primary appointment)  
Bachelor of Science, Emory University, 2002  
Doctor of Philosophy, Washington University in St Louis, 2015  
Doctor of Medicine, Washington University in St Louis, 2015  

Kelly N Botteron, M.D.  
Professor of Psychiatry (Child) (primary appointment)  
Professor of Radiology  
Bachelor of Arts, University of Kansas, 1984  
Doctor of Medicine, University of Kansas Medical, 1988  

Susan Kathleen Boyer, M.D.  
Instructor in Clinical Psychiatry  
Bachelor of Arts, Rockhurst College (Duplicate of Rockhurst University), 1988  
Doctor of Medicine, University of Missouri Columbia, 1993  

Robert Harry Brady, M.D.  
Assistant Professor of Psychiatry (Pending Executive Faculty Approval) (primary appointment)  
Adjunct Instructor  
Bachelor of Science, University of Notre Dame, 1988  
Doctor of Medicine, Tufts University, 1995  

Meryl Brune  
Voluntary Clinical Instructor in Psychiatry  

Kathleen K Bucholz, M.S., Ph.D.  
Professor of Psychiatry (primary appointment)  
Bachelor of Arts, Yale University, 1972  
Master of Science, Yale University, 1982  
Doctor of Philosophy, Yale University, 1986  

Michael Bunis, M.S., Psy.D.  
Assistant Professor of Psychiatry (primary appointment)  
Bachelor of Science, Loyola College, 2002  
Master of Science, Loyola College, 2006  

Doctor of Psychology, Loyola College, 2010  

Joan Rachel Butcher  
Instructor in Clinical Psychiatry  

James Byrd, M.D.  
Instructor in Clinical Psychiatry (Child Psychiatry)  
Bachelor of Science, Southeast Missouri State University, 1987  
Doctor of Medicine, School Not Listed, 1991  

C  

Joshua W. Calhoun, M.D.  
Instructor in Clinical Psychiatry (Child)  
Bachelor of Science, Yale University, 1978  
Doctor of Medicine, University of Connecticut, 1982  

Robert Michael Carney, Ph.D.  
Professor of Psychiatry (primary appointment)  
Professor of Psychological & Brain Sciences  
Bachelor of Arts, University of Missouri Columbia, 1969  
Doctor of Philosophy, Washington University in St Louis, 1978  

Anil Govind Cashikar, M.S., Ph.D.  
Associate Professor of Psychiatry (primary appointment)  
Associate Professor of Neurology  
Bachelor of Science, Bangalore University, 1989  
Master of Science, Madurai Kamaraj University, 1991  
Doctor of Philosophy, Jawaharlal Nehru University, 1997  

Patricia A Cavazos-Rehg, Ph.D.  
Professor of Psychiatry (primary appointment)  
Vice Chair - Diversity, Equity and Inclusion  
Bachelor of Arts, University of Texas San Antonio, 1998  
Doctor of Philosophy, State University of New York, 2004  

Gregory Peter Cejas, M.D.  
Instructor in Psychiatry (primary appointment)  
Bachelor of Science, Truman State University (Formerly Northeast Missouri State University), 2012  
Doctor of Medicine, University of Missouri Columbia, 2017  

Matthew B Chapman, M.D.  
Instructor in Psychiatry (primary appointment)  
Bachelor of Science, Saint Louis University, 2013  
Doctor of Medicine, Creighton University, 2018  

Natchanan Charatcharungkit, M.D.  
Instructor in Psychiatry (primary appointment)  
Doctor of Medicine, Chulalongkorn University, 2008  

Mina Charpepo, M.D.  
Assistant Professor of Psychiatry (primary appointment)  
Bachelor of Arts, State University of New York at Buffalo, 1997  
Doctor of Medicine, Drexel University, 2002  

Christopher Charlot, M.D.  
Assistant Professor of Psychiatry (Child) (primary appointment)  
Bachelor of Science, Washington University in St Louis, 2005  
Doctor of Medicine, Washington University in St Louis, 2014
Li-Shiun Chen, M.P.H., M.D.
Associate Professor of Psychiatry (primary appointment)
Doctor of Medicine, National Taiwan University, 1993
Master of Public Health, John Hopkins University, 1995

Andrew Chirchirillo, Ph.D.
Instructor in Clinical Psychiatry (Child)
Bachelor of Arts, Illinois State University, 1973
Doctor of Philosophy, University of Missouri in St Louis, 1981

Theodore J Cicero, M.S., Ph.D.
Professor Emeritus in Psychiatry
Bachelor of Science, Villanova University, 1964
Main Campus), 1966
Main Campus), 1969

William W Clendenin, M.D.
Assistant Professor of Clinical Psychiatry
Doctor of Medicine, University of Tennessee, 1963

C. Robert Cloninger, M.D.
Emeritus Professor of Psychiatry
Bachelor of Arts, University of Texas Austin, 1966
Doctor of Medicine, Washington University in St Louis, 1983

David M Conner, M.D.
Instructor in Clinical Psychiatry
Bachelor of Arts, University of Oklahoma, 1979
Doctor of Medicine, University of Oklahoma, 1983

Charles Richard Conway, M.D.
Professor of Psychiatry (primary appointment)
Professor of Radiology
Doctor of Medicine, University of Missouri Columbia, 1995

Juan C Corvalan, M.D.
Assistant Professor Emeritus of Clinical Psychiatry
Bachelor of Arts, School Not Listed, 1957
Doctor of Medicine, School Not Listed, 1965

Linda B Cotlier, M.P.H., Ph.D.
Adjunct Professor of Psychiatry
Bachelor of Arts, Emmanuel College (Duplicate of Emmanuel College Massachusetts), 1977
Master of Public Health, Boston University, 1980
Doctor of Philosophy, Washington University in St Louis, 1987

Lucia del Pilar Cristancho Pimiento, M.D.
Associate Professor of Psychiatry (primary appointment)
Doctor of Medicine, Univ Industrial de Santander, 2000

Carlos Cruchaga, M.A., Ph.D.
Professor of Psychiatry (primary appointment)
Professor of Neurology
Professor of Genetics
Barbara Burton & Reuben Morrise III Professor
Bachelor of Arts, University of Navarra, 2000
Master of Arts, University of Navarra, 2002
Doctor of Philosophy, University of Navarra, 2005

David Nicholas Daniels, M.D.
Assistant Professor of Psychiatry (primary appointment)
Doctor of Medicine, Loyola University Chicago, 2013

Mary A Davis, M.D.
Assistant Professor Emeritus of Clinical Psychiatry
Main Campus), 1947
Doctor of Medicine, Washington University in St Louis, 1952

Carie Kollmeyer Dinehart, M.D.
Instructor in Clinical Psychiatry
Bachelor of Arts, Saint Louis University, 1999
Doctor of Medicine, Saint Louis University, 2003

Meghan Rose Donohue, Ph.D.
Instructor in Psychiatry (primary appointment)
Doctor of Philosophy, Georgia State University, 2018

Sarah Ann Eisenstein, Ph.D.
Associate Professor of Psychiatry (primary appointment)
Associate Professor of Radiology
Doctor of Philosophy, University of Georgia, 2008

Matthew S Ellis, M.P.H.
Instructor in Psychiatry (primary appointment)
Bachelor of Arts, Rockhurst College, 2004
Master of Public Health, Washington University in St Louis, 2011

Baris C Erkal, Ph.D., M.D.
Instructor in Psychiatry (primary appointment)
Doctor of Philosophy, Washington University in St Louis, 2017
Doctor of Medicine, Washington University in St Louis, 2017

Abdallah M. Eteleeb, Ph.D.
Instructor In Psychiatry (primary appointment)
Doctor of Philosophy, University of Louisville, 2015

Nuri Bradford Farber, M.D.
Professor of Psychiatry (primary appointment)
Vice Chair - Education
Bachelor of Arts, Washington University in St Louis, 1985
Doctor of Medicine, Washington University in St Louis, 1989

Maria-Victoria Fernandez Hernandez, M.S., Ph.D.
Assistant Professor of Psychiatry (primary appointment)
Bachelor of Science, University of Barcelona, 2005
Master of Science, University of Bangor, 2007
Doctor of Philosophy, University of Gerona, 2012

Robert T. Fitzgerald, M.S., Ph.D.
Assistant Professor of Psychiatry (Child) (primary appointment)
Adjunct Instructor
Bachelor of Science, Abilene Christian University, 1998
Master of Science, Saint Louis University, 2000
Doctor of Philosophy, Saint Louis University, 2012
Ellen E Fitzsimmons-Craft, M.S., Ph.D.
Associate Professor of Psychiatry (primary appointment)
Bachelor of Science, University of Notre Dame, 2008
Master of Science, University North Carolina, 2010
Doctor of Philosophy, University of North Carolina, 2014

Cynthia Florin, M.D.
Instructor in Clinical Psychiatry
Bachelor of Science, Grinnell College, 1976
Doctor of Medicine, Columbia University, 1984

Kenneth E Freedland, M.A., Ph.D.
Professor of Psychiatry (primary appointment)
Professor of Psychological & Brain Sciences
Bachelor of Science, University of Oregon, 1975
Master of Arts, University of Hawaii, 1979
Doctor of Philosophy, University of Hawaii, 1982

Darrin Friesen, M.D.
Instructor in Clinical Psychiatry
Bachelor of Arts, School Not Listed, 1990
Doctor of Medicine, Washington University in St Louis, 1996

Qiang Fu
Visiting Instructor in Psychiatry

Lara A Fuchs
Instructor in Clinical Psychiatry

Bridget Mary Galati, D.O.
Instructor in Psychiatry (primary appointment)
Bachelor of Science, University of Dayton, 2010
Doctor of Osteopathic Medicine, Des Moines University, 2016

Marcie Epstein Garland, M.D.
Associate Professor of Psychiatry (primary appointment)
Bachelor of Arts, University of Missouri Kansas City, 2008
Doctor of Medicine, University of Missouri Kansas City, 2008

Christina J Gesmundo
Instructor in Psychiatry (primary appointment)

Andrea Marie Giedinghagen, M.D.
Assistant Professor of Psychiatry (Child) (primary appointment)
Bachelor of Arts, Cornell University, 2007
Doctor of Medicine, Washington University in St Louis, 2013

Luis Giuffra, M.S., Ph.D., M.D.
Professor of Clinical Psychiatry
Bachelor of Science, School Not Listed, 1983
Master of Science, School Not Listed, 1985
Doctor of Medicine, School Not Listed, 1986

Doctor of Philosophy, Yale University, 1991

Paul E Glaser, M.S., Ph.D., M.D.
Professor of Psychiatry (Child) (primary appointment)
Bachelor of Science, University of Chicago, 1986
Master of Science, University of Chicago, 1986
Doctor of Philosophy, Washington University in St Louis, 1996
Doctor of Medicine, Washington University in St Louis, 1996

Anne L Glowinski, M.S., M.D.
Voluntary Clinical Professor of Psychiatry
Bachelor of Science, University of Houston, 1988
Doctor of Medicine, Baylor University, 1992
Master of Science, Washington University in St Louis, 2001

Jessica A Gold, M.S., M.D.
Assistant Professor of Psychiatry (primary appointment)
Bachelor of Arts, University of Pennsylvania, 2009
Master of Science, University of Pennsylvania, 2009
Doctor of Medicine, Yale University, 2014

Mark Gold, M.D.
Adjunct Professor of Psychiatry
Bachelor of Arts, Washington University in St Louis, 1971
Doctor of Medicine, University of Florida, 1975

David Goldmeier, M.D.
Instructor in Clinical Psychiatry
Bachelor of Arts, Dartmouth College, 1978
Doctor of Medicine, Washington University in St Louis, 1982

Julia D. Grant, M.A., Ph.D.
Adjunct Associate Professor of Psychiatry
Bachelor of Arts, Davidson College, 1989
Master of Arts, Wake Forest University, 1993
Main Campus), 1997

Rita N Haddad, M.D.
Assistant Professor of Psychiatry (primary appointment)
Doctor of Medicine, University of Balamand, 2013

Oscar Marcos Harari, M.A., Ph.D.
Associate Professor of Psychiatry (primary appointment)
Associate Professor of Genetics
Bachelor of Arts, Universidad del Buenos Aires, 1997
Master of Arts, Universidad del Buenos Aires, 1999
Doctor of Philosophy, University of Granada, 2009

Melissa A. Harbit, M.D.
Professor of Psychiatry (primary appointment)
Vice Chair - Clinical Affairs
Bachelor of Science, University of Iowa, 1993
Doctor of Medicine, University of Iowa, 1997

Michael P. Harms, Ph.D.
Associate Professor of Psychiatry (primary appointment)
Doctor of Philosophy, Massachusetts Institute of Technology, 2002
Sarah McConnell Hartz, Ph.D., M.D.
Associate Professor of Psychiatry (primary appointment)
Bachelor of Arts, Knox College, 1996
Doctor of Philosophy, University of Illinois, 2002
Doctor of Medicine, University of Iowa, 2005

Steven Arthur Harvey, M.D.
Instructor in Clinical Psychiatry
Bachelor of Arts, Washington University in St Louis, 1988
Doctor of Medicine, Washington University in St Louis, 1992

Andrew C Heath, Ph.D.
Professor of Psychiatry (primary appointment)
Associate Professor of Psychological & Brain Sciences
Professor of Genetics
Spencer T. Olin Professor of Psychology in Psychiatry
Bachelor of Arts, University of Oxford, 1979
Doctor of Philosophy, Oxford University, 1983

Laura P Hennefield, M.S., Ph.D.
Instructor in Psychiatry (primary appointment)
Bachelor of Science, State University of New York at Purchase, 2005
Master of Science, Hunter College, 2008
Doctor of Philosophy, Washington University in St Louis, 2015

Tamara G Hershey, Ph.D.
Professor of Psychiatry (primary appointment)
Adjunct Professor
Professor of Neurology
Professor of Radiology
James S McDonnell Professor of Cognitive Neuroscience
Division Director - Translational Neuroscience
Bachelor of Arts, Earlham College, 1988
Doctor of Philosophy, Washington University in St Louis, 1996

Jarrod Holiday, M.D.
Instructor in Psychiatry (primary appointment)
Doctor of Medicine, University of Kansas Medical Center, 2016

Barry Allen Hong, M.Div., Ph.D.
Professor Emeritus of Psychiatry
Bachelor of Arts, Concordia University, 1969
Master of Divinity, Concordia University, 1972
Doctor of Philosophy, Saint Louis University, 1978

Caroline P Hoyniak, D.Sc.
Instructor in Psychiatry (primary appointment)
Doctor of Science, Indiana State University, 2019

James J Hudziak
Adjunct Professor of Psychiatry

Laura Ibanez, M.A., Ph.D.
Assistant Professor of Psychiatry (primary appointment)
Assistant Professor of Neurology
Bachelor of Arts, University of Barcelona, 2007
Master of Arts, University of Barcelona, 2008
Doctor of Philosophy, University of Barcelona, 2015

Keith E Isenberg, M.D.
Professor Emeritus of Psychiatry
Bachelor of Arts, Wabash College, 1974
Doctor of Medicine, Indiana University Bloomington, 1978

Abhirami Kannan Iyer, M.S., Ph.D.
Instructor in Psychiatry (primary appointment)
Bachelor of Science, University of Mumbai, 2007
Master of Science, University of Mumbai, 2009
Doctor of Philosophy, Indiana University Indianapolis, 2016

Yukitoshi Izumi, Ph.D.
Professor of Psychiatry (primary appointment)
Doctor of Philosophy, Yamagata University, 1989

Celina Rose Jacobi, M.D.
Instructor in Psychiatry (primary appointment)
Doctor of Medicine, Washington University in St Louis, 2012

Aleksandar Janca, M.D.
Adjunct Professor of Psychiatry
Doctor of Medicine, School Not Listed, 1900

Michael R Jarvis, M.S., Ph.D., M.D.
Professor of Psychiatry (primary appointment)
Vice Chair - Clinical Affairs
Bachelor of Science, University of Minnesota, 1977
Master of Science, University of Illinois, 1980
Doctor of Philosophy, University of Illinois, 1982
Doctor of Medicine, Washington University in St Louis, 1985

Emma Covey Johnson, M.S., Ph.D.
Assistant Professor of Psychiatry (primary appointment)
Lecturer in Psychology
Bachelor of Science, University North Carolina, 2013
Master of Science, University of Colorado Boulder, 2016
Doctor of Philosophy, University of Colorado Boulder, 2017

Mark C. Johnson, M.D.
Associate Professor of Clinical Psychiatry
Bachelor of Arts, Eckerd College, 1972
Doctor of Medicine, University of Kentucky, 1980

Celeste Marie Karch, Ph.D.
Associate Professor of Psychiatry (primary appointment)
Doctor of Philosophy, University of Florida, 2009

Nicole Renee Karcher, M.A., Ph.D.
Assistant Professor of Psychiatry (primary appointment)
Bachelor of Arts, College of William and Mary, 2008
Master of Arts, University of Missouri Columbia, 2012
Doctor of Philosophy, University of Missouri Columbia, 2017

Kaitlin Marie Keister
**Voluntary Clinical Instructor in Psychiatry**

**Saaid Khojasteh, M.D.**  
Assistant Professor of Clinical Psychiatry  
Doctor of Medicine, School Not Listed, 1981

**Neha Navsaria Kirtane, M.A., Ph.D.**  
Associate Professor of Psychiatry (primary appointment)  
Bachelor of Arts, Bryn Mawr College, 1999  
Master of Arts, Columbia University, 2003  
Doctor of Philosophy, Temple University, 2008

**Valerie S. Knopik, M.A., Ph.D.**  
Adjunct Assistant Professor of Psychiatry  
Bachelor of Arts, Wesleyan College, 1994  
Master of Arts, University of Colorado Boulder, 1998  
Doctor of Philosophy, University of Pennsylvania, 2000

**Maria Kovacs**  
Visiting Professor of Psychiatry

**Alexxai V Kravitz, Ph.D.**  
Associate Professor of Psychiatry (primary appointment)  
Associate Professor of Anesthesiology  
Associate Professor of Neuroscience  
Bachelor of Arts, Wesleyan College, 1999  
Doctor of Philosophy, University of Pennsylvania, 2019

**Suzanne Nicole L’Ecuyer, M.D.**  
Assistant Professor of Psychiatry (primary appointment)  
Doctor of Medicine, University of Louisville, 2016

**Timothy O. Laumann, Ph.D., M.D.**  
Instructor in Psychiatry (primary appointment)  
Doctor of Philosophy, Washington University in St Louis, 2017  
Doctor of Medicine, Washington University in St Louis, 2017

**Rachel Emma Lean, Ph.D.**  
Instructor in Psychiatry (primary appointment)  
Doctor of Philosophy, Washington University in St Louis, 2015

**Eric J Lenze, M.D.**  
Professor of Psychiatry (primary appointment)  
Professor of Anesthesiology  
Wallace and Lucille K Renard Professor of Psychiatry  
Doctor of Medicine, Washington University in St Louis, 1994

**Shannon N Lenze, M.A., Ph.D.**  
Associate Professor of Psychiatry (primary appointment)  
Adjunct Instructor  
Bachelor of Arts, University of Illinois at Urbana-Champaign, 1995  
Master of Arts, University of Pittsburgh, 2003  
Doctor of Philosophy, University of Pittsburgh, 2007

**Christina Lessov-Schlaggar, Ph.D.**  
Adjunct Associate Professor of Psychiatry

**Doctor of Philosophy, Oregon Health Science University**  
(Duplicate of Oregon Health & Science University), 2000

**Angela Lin, M.D.**  
Instructor in Psychiatry (Pending Dean Approval) (primary appointment)  
Doctor of Medicine, Washington University in St Louis, 2018

**Penelope Alathea Lind**  
Adjunct Instructor in Psychiatry

**Joan L Luby, M.D.**  
Professor of Psychiatry (Child) (primary appointment)  
Samuel and Mae S. Ludwig Chair in Psychiatry at Barnes-Jewish Hospital  
Bachelor of Arts, Brown University, 1981  
Doctor of Medicine, Wayne State University, 1985

**Federica Lucantonio, D.Sc.**  
Instructor in Psychiatry (primary appointment)  
Doctor of Science, University of Maryland, 2013

**Patrick Joseph Lustman, M.S.W., Ph.D.**  
Professor of Psychiatry (primary appointment)  
Professor of Psychological & Brain Sciences  
Bachelor of Arts, University of Illinois, 1972  
Master of Social Work, University of Wisconsin Madison, 1974  
Doctor of Philosophy, Michigan State University, 1980

**Michael T. Lysnkey, M.S., Ph.D.**  
Adjunct Professor of Psychiatry  
Bachelor of Science, School Not Listed, 1987  
Master of Science, University of Canterbury, 1989  
Doctor of Philosophy, School Not Listed, 1997

**Pamela A Madden, M.S., Ph.D.**  
Professor of Psychiatry (primary appointment)  
Bachelor of Science, University of Pittsburgh, 1978  
Master of Science, University of Pittsburgh, 1983  
Doctor of Philosophy, University of Pittsburgh, 1992

**Susan Eileen Maloney, M.A., Ph.D.**  
Assistant Professor of Psychiatry (primary appointment)  
Bachelor of Arts, University of Missouri in St Louis, 2003  
Master of Arts, University of Missouri in St Louis, 2007  
Doctor of Philosophy, University of Missouri in St Louis, 2012

**Daniel T. Mamah, M.D.**  
Professor of Psychiatry (primary appointment)  
Doctor of Medicine, Semmelweis University of Med, 1998

**Scott Allen Marek, Ph.D.**  
Instructor in Psychiatry (primary appointment)  
Bachelor of Science, John Carroll University, 2012  
Doctor of Philosophy, University of Pittsburgh, 2017

**Lauren Ashley Marks**  
Assistant Professor of Psychiatry (primary appointment)
Natasha M.V. Marrus, Ph.D., M.D.  
Associate Professor of Psychiatry (primary appointment)  
Bachelor of Arts, University of Southern California, 1999  
Bachelor of Science, University of Southern California, 1999  
Doctor of Philosophy, Washington University in St Louis, 2007  
Doctor of Medicine, Washington University in St Louis, 2007

Nicholas Gordon Martin  
Adjunct Instructor in Psychiatry

Gregory Warren Mattingly, M.D.  
Assistant Professor of Clinical Psychiatry  
Bachelor of Science, University of Missouri Columbia, 1985  
Doctor of Medicine, Washington University in St Louis, 1989

Marcia June McCabe, M.A., Ph.D.  
Professor of Psychiatry (primary appointment)  
Bachelor of Arts, Washburn University, 1985  
Master of Arts, University of Missouri Columbia, 1987  
Doctor of Philosophy, University of Missouri Columbia, 1991

Kimberli McCallum, M.D.  
Assistant Professor of Clinical Psychiatry (Child Psychiatry)  
Bachelor of Science, Brown University, 1981  
Doctor of Medicine, Yale University, 1986

Vivia Van Dyne McCutcheon, M.S., Ph.D.  
Associate Professor of Psychiatry (primary appointment)  
Bachelor of Arts, Ohio State University, 1985  
Master of Science, Washington University in St Louis, 2001  
Doctor of Philosophy, Washington University in St Louis, 2005

Steven James Mennerick, Ph.D.  
Professor Of Psychiatry (primary appointment)  
Interim Associate Dean for Biology and Biomedical Sciences  
Professor of Neuroscience  
Vice Chair - Research  
John P Feighner Professor of Neuropsychopharmacology  
Bachelor of Arts, Earlham College, 1988  
Doctor of Philosophy, Washington University in St Louis, 1995

Jay L Meyer, M.D.  
Associate Professor of Clinical Psychiatry  
Bachelor of Arts, Washington University in St Louis, 1956  
Doctor of Medicine, Saint Louis University, 1960

Ruth Huang Miller, M.S., Ph.D.  
Adjunct Instructor in Psychiatry  
Bachelor of Science, University of Houston, 1994  
Master of Science, Rice University, 1999  
Doctor of Philosophy, University of Houston, 2011

Carrie M Mintz, M.D.  
Assistant Professor of Psychiatry (primary appointment)  
Bachelor of Arts, Harvard University, 2005  
Doctor of Medicine, Washington University in St Louis, 2013

David M Montani, M.D.  
Instructor in Clinical Psychiatry  
Bachelor of Arts, Harvard University, 1991

Doctor of Medicine, Washington University in St Louis, 1996

Blake William Moore, Ph.D.  
Professor Emeritus of Biochemistry in Psychiatry  
Bachelor of Science, University of Akron (Duplicate of University of Akron Main Campus), 1948  
Doctor of Philosophy, Northwestern University, 1952

David H Morris  
Instructor in Clinical Psychiatry

Randi H Mozenter, M.A., Ph.D.  
Instructor in Clinical Medical Psychology in Psychiatry  
Bachelor of Arts, Washington University in St Louis, 1980  
Master of Arts, Washington University in St Louis, 1982  
Doctor of Philosophy, Washington University in St Louis, 1989

Emily Hazel Mukherji, M.D.  
Assistant Professor of Psychiatry (primary appointment)  
Bachelor of Science, Massachusetts Institute of Technology, 2006  
Doctor of Medicine, Tufts University, 2010

George E Murphy, M.D.  
Professor Emeritus of Psychiatry  
Bachelor of Science, Oregon State University, 1949  
Doctor of Medicine, Washington University in St Louis, 1952

Elliot C Nelson, M.D.  
Professor of Psychiatry (primary appointment)  
Bachelor of Arts, Johns Hopkins University, 1982  
Doctor of Medicine, University of Illinois, 1986

Ginger E. Nicol, M.D.  
Associate Professor of Psychiatry (Child) (primary appointment)  
Bachelor of Arts, University of Iowa, 1998  
Doctor of Medicine, University of Iowa, 2002

Kevin K. Noguchi, M.A., Ph.D.  
Assistant Professor of Psychiatry (primary appointment)  
Bachelor of Science, University of California Santa Barbara, 1996  
Master of Arts, University of California Los Angeles, 1998  
Doctor of Philosophy, University of California Los Angeles, 2003

Thomas John Nowotny, M.D.  
Assistant Professor of Clinical Psychiatry  
Bachelor of Science, Washington University in St Louis, 1980  
Doctor of Medicine, Washington University in St Louis, 1985

Lari Niko-Petteri Nykanen, M.S., Ph.D.  
Instructor in Psychiatry (Pending Dean's Approval) (primary appointment)  
Master of Science, University of Helsinki, 2012  
Doctor of Philosophy, University of Helsinki, 2016

Brendan Joseph O’Connor, M.D.
Associate Professor of Psychiatry (primary appointment)
Bachelor of Science, Creighton University, 2006
Doctor of Medicine, Creighton University, 2010

Kalu Onuma
Instructor in Clinical Psychiatry

Akinkunle Owoso, M.D.
Associate Professor of Psychiatry (primary appointment)
Bachelor of Arts, University of Oklahoma, 2003
Bachelor of Science, University of Oklahoma, 2003
Doctor of Medicine, University of Oklahoma, 2007

Steven Marc Paul, M.S., M.D.
Professor of Psychiatry (primary appointment)
Professor of Neurology
Bachelor of Science, Tulane University, 1972
Master of Science, Tulane University, 1975
Doctor of Medicine, Tulane University, 1975

Michele L. Pergadia, M.S., Ph.D.
Professor of Psychiatry (primary appointment)
Bachelor of Arts, Washington University in St Louis, 1991
Master of Science, Finch University of Health Sciences, 1997
Doctor of Philosophy, Finch University of Health Sciences, 2001

Michael T Perino, Ph.D.
Instructor in Psychiatry (primary appointment)
Doctor of Philosophy, University of Illinois at Urbana–Champaign, 2018

Susan B Perlman, D.Sc.
Associate Professor of Psychiatry (primary appointment)
Doctor of Science, Duke University, 2019

Marco Pignatelli, D.Sc.
Assistant Professor of Psychiatry (primary appointment)
Doctor of Science, University of Rome, 2008

Elizabeth F Pribor, M.D.
Associate Professor of Clinical Psychiatry
Bachelor of Arts, Emory University, 1981
Doctor of Medicine, Saint Louis University, 1985

Madelon T Price, Ph.D.
Research Professor Emerita of Neurobiology in Psychiatry
Bachelor of Arts, Washington University in St Louis, 1953
Doctor of Philosophy, Washington University in St Louis, 1973

Rumi Kato Price, M.A., Ph.D.
Professor of Psychiatry (primary appointment)
Bachelor of Arts, Ochanomizu Univ, 1976
Master of Arts, University of California, 1982
Doctor of Philosophy, University of California, 1988

John R. Pruett, Ph.D., M.D.
Professor of Psychiatry (Child) (primary appointment)
Professor of Psychological & Brain Sciences (Courtesy)
Professor of Radiology

Bachelor of Arts, Princeton University, 1990
Doctor of Philosophy, Washington University in St Louis, 2000
Doctor of Medicine, Washington University in St Louis, 2000

R

John S Rabun, M.D.
Instructor in Clinical Psychiatry
Bachelor of Arts, University of Tennessee, 1900
Doctor of Medicine, University of Tennessee, 1900

Tahir Rahman, M.D.
Associate Professor of Psychiatry (primary appointment)
Doctor of Medicine, University of Kansas Medical, 1995

Alex Taylor Ramsey, M.A., Ph.D.
Assistant Professor of Psychiatry (primary appointment)
Adjunct Instructor
Bachelor of Science, University of Evansville, 2008
Master of Arts, Southern Illinois University Carbondale, 2010
Doctor of Philosophy, Southern Illinois University Carbondale, 2012

Diane Rankin, M.D.
Assistant Professor of Clinical Psychiatry
Bachelor of Arts, University of Colorado Boulder, 1962
Doctor of Medicine, University of Colorado Boulder, 1968

Radhika Rao, M.D.
Instructor in Clinical Psychiatry
Doctor of Medicine, University of South Dakota, 2001

Mary Katherine O Ray, Ph.D.
Instructor in Psychiatry (primary appointment)
Doctor of Philosophy, University of Alabama, 2018

Syed A Raza, M.D.
Assistant Professor of Clinical Psychiatry (Child Psychiatry)
Bachelor of Science, Osmania Medical College, 1953
Doctor of Medicine, School Not Listed, 1959

Chandrashekar Reddy
Instructor in Clinical Psychiatry

Angela M. Reiersen, M.S., M.D.
Associate Professor of Psychiatry (Child) (primary appointment)
Bachelor of Science, University of California Davis, 1994
Doctor of Medicine, University of Southern California, 1999
Master of Science, Washington University in St Louis, 2006

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

John P Rice, M.A., Ph.D.
Professor of Mathematics in Psychiatry (primary appointment)
Professor of Biostatistics
Professor of Genetics
Bachelor of Arts, Cornell University, 1969
Master of Arts, Washington University in St Louis, 1972
Doctor of Philosophy, Washington University in St Louis, 1975
Thomas F Richardson, M.D.
Professor of Psychiatry (primary appointment)
Bachelor of Arts, Millikin University, 1960
Doctor of Medicine, Washington University in St Louis, 1963

William M Riedesel, M.D.
Associate Professor of Clinical Psychiatry
Bachelor of Arts, University of Rochester, 1968
Doctor of Medicine, Washington University in St Louis, 1973

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

John Deno Rogakos, M.D.
Instructor in Clinical Psychiatry (Child Psychiatry)
Bachelor of Science, University of Dayton, 1990
Doctor of Medicine, Washington University in St Louis, 2005

Cynthia E Rogers, M.D.
Professor of Psychiatry (primary appointment)
Division Director of Child and Adolescent Psychiatry
Blanche F Ittleson Professor of Psychiatry (Child Psychiatry)
Bachelor of Arts, Harvard University, 1998
Doctor of Medicine, Washington University in St Louis, 2005

John W Rohrbaugh, Ph.D.
Professor Emeritus of Psychiatry
Bachelor of Science, Heidelberg College (Duplicate of Heidelberg University), 1968
Champaign), 1973

Alexander Bernard Rose
Instructor in Clinical Psychiatry

Max S. Rosen, M.D.
Assistant Professor of Psychiatry (primary appointment)
Bachelor of Science, Washington University in St Louis, 2010
Doctor of Medicine, Washington University in St Louis, 2015

Eugene Harold Rubin, Ph.D., M.D.
Professor Emeritus of Psychiatry
Bachelor of Arts, University of Rochester, 1971
Doctor of Philosophy, Washington University in St Louis, 1977
Doctor of Medicine, Washington University in St Louis, 1978

John Conrad Rudersdorf
Instructor in Clinical Psychiatry (Child)

James Rutherford, M.D.
Assistant Professor Emeritus of Clinical Psychiatry
Bachelor of Arts, Drake University, 1975
Doctor of Medicine, University of Iowa, 1980

Jo-Ellyn M Ryall, M.D.
Associate Professor of Clinical Psychiatry
New Brunswick), 1971
Doctor of Medicine, Washington University in St Louis, 1975

Frank Scott Saccone, Ph.D.
Professor of Psychiatry (primary appointment)
Bachelor of Arts, Rensselaer Polytechnic Institute, 1990
Doctor of Philosophy, Brown University, 1995

Berette A Salazar, M.D.
Assistant Professor of Clinical Psychiatry
Bachelor of Arts, Middlebury College, 1973
Main Campus), 1982

Carolyn E. Sartor, M.S., Ph.D.
Adjunct Associate Professor of Psychiatry
Bachelor of Science, Oberlin College, 1994
Master of Science, Catholic University America (Duplicate of Catholic University of America), 1999
Doctor of Philosophy, Palo Alto College, 2005

Norman Sartorious
Adjunct Professor of Psychiatry

Jeffrey Frank Scherrer, Ph.D.
Adjunct Associate Professor of Psychiatry
Doctor of Philosophy, Saint Louis University, 2004

Jeffrey I Schulman, M.B.A., M.D.
Instructor in Clinical Psychiatry (Child Psychiatry)
Bachelor of Arts, Yale University, 1970
Doctor of Medicine, University of Kentucky, 1974
Master of Business Administration, Washington University in St Louis, 1988

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

Bryan Norbert Sewing, D.O.
Instructor in Psychiatry (primary appointment)
Bachelor of Science, Texas Christian University, 1991
Doctor of Osteopathic Medicine, Kirksville College of Osteopathic Medicine, 1998

Lawrence Evan Shapiro, Psy.D.
Instructor in Clinical Psychiatry
Doctor of Psychology, University of California, 1990

Paul W Shoffner, M.D.
Assistant Professor of Clinical Psychiatry
Doctor of Medicine, Washington University in St Louis, 1974

Nathan M Simon, M.S., M.D.
Professor Emeritus of Clinical Psychiatry
Bachelor of Science, Yale University, 1949
Master of Science, Yale University, 1950
Doctor of Medicine, Washington University in St Louis, 1955

Reed Earl Simpson, M.D.
Assistant Professor of Clinical Psychiatry
Bachelor of Arts, Wabash College, 1972
Doctor of Medicine, Washington University in St Louis, 1976

Judith Ann Skala, M.A., Ph.D.
Assistant Professor of Psychiatry (primary appointment)
Bachelor of Science, Washington University in St Louis, 1989
Master of Arts, Washington University in St Louis, 1992
Doctor of Philosophy, Washington University in St Louis, 2001

James B Smith, M.D.
Associate Professor Emeritus of Clinical Psychiatry
Bachelor of Arts, University of Missouri Columbia, 1963
Doctor of Medicine, University of Missouri Columbia, 1967

Stacey L Smith, M.D.
Assistant Professor of Clinical Psychiatry
Bachelor of Arts, Northwestern University, 1986
Doctor of Medicine, University of Utah, 2011

Carolina Soriano Tarraga, M.S., Ph.D.
Instructor in Psychiatry (Pending Dean's Approval) (primary appointment)
Master of Science, University of Barcelona, 2006
Doctor of Philosophy, University of Barcelona, 2009

Timothy Eric Spiegel, M.D.
Associate Professor of Psychiatry (Child) (primary appointment)
Bachelor of Science, Saint Louis University, 2006
Doctor of Medicine, University of Utah, 2011

Afshan Sultana, M.D.
Instructor in Psychiatry (Child) (primary appointment)
Doctor of Medicine, University of Karachi, 1996

Yun Ju Sung, Ph.D.
Associate Professor of Psychiatry (primary appointment)
Associate Professor of Biostatistics
Doctor of Philosophy, University of Minnesota, 2003

Dragan M Svrakic, Ph.D., M.D.
Professor of Psychiatry (primary appointment)
Doctor of Medicine, University of Belgrade, 1978
Doctor of Philosophy, University of Belgrade, 1989

Chad M Sylvester, Ph.D., M.D.
Associate Professor of Psychiatry (Child) (primary appointment)
Bachelor of Science, University of Notre Dame, 2001
Doctor of Philosophy, Washington University in St Louis, 2009
Doctor of Medicine, Washington University in St Louis, 2009

Hannah Selene Szlyk, M.S.S.W., Ph.D.
Instructor in Psychiatry (primary appointment)
Bachelor of Arts, Kenyon College, null
Master of Science in Social Work, Columbia University, null
Doctor of Philosophy, University of Texas Austin, null

Mini Tandon, D.O.
Associate Professor of Psychiatry (Child) (primary appointment)
Bachelor of Science, Truman State University, 1997
Doctor of Osteopathic Medicine, Kansas City University of Medicine and Biosciences, 2002

Alexandre Todorov, M.Ed., Ph.D.
Professor of Psychiatry (primary appointment)
Bachelor of Science, Vanderbilt University, 1985

Master of Education, Vanderbilt University, 1988
Doctor of Philosophy, Louisiana State University, 1992

Ludwig Trillo Alvarez, M.D.
Assistant Professor of Psychiatry (primary appointment)
Doctor of Medicine, Universidad de San Agustin, 2005

Erica J Vance
Instructor in Clinical Psychiatry

Jeffrey A. Vander Kooi, M.D.
Instructor in Clinical Psychiatry
Bachelor of Science, University of Iowa, 1997
Doctor of Medicine, University of Iowa, 2002

Jessica Vanderlan, M.A., Ph.D.
Instructor in Clinical Psychiatry
Bachelor of Arts, University of Michigan (Duplicate of University of Michigan Ann Arbor), 2004
Master of Arts, Alliant University (Duplicate of Alliant International University (AIU)), 2013
Doctor of Philosophy, Alliant University (Duplicate of Alliant International University (AIU)), 2015

Theresa Nieva Villaflor, M.D.
Instructor in Psychiatry (Child) (primary appointment)
Doctor of Medicine, University of Missouri Kansas City, 1999

Alecia C. Vogel-Hammen, Ph.D., M.D.
Assistant Professor of Psychiatry (primary appointment)
Doctor of Philosophy, Washington University in St Louis, 2010
Doctor of Medicine, Washington University in St Louis, 2013

Mary C. Waldron, Ph.D.
Adjunct Assistant Professor of Psychiatry
Doctor of Philosophy, University of Virginia, 2004

Marysia Weber
Instructor in Clinical Psychiatry

Reuben R Welch, M.Ed., Ph.D.
Professor of Psychiatry (primary appointment)
Lecturer in Psychological and Brain Sciences
Bachelor of Arts, Point Loma Nazarene College, 1980
Master of Education, University of Missouri Columbia, 1982
Doctor of Philosophy, University of Missouri Columbia, 1988

Michael L Wenzinger, M.D.
Assistant Professor of Psychiatry (Child) (primary appointment)
Doctor of Medicine, Eastern Virginia Medical School, 2014

Diana J Whalen, Ph.D.
Assistant Professor of Psychiatry (primary appointment)
Lecturer in Psychological & Brain Sciences
Bachelor of Science, University of Pittsburgh, 2005
Doctor of Philosophy, University of Pittsburgh, 2014

Denise Wilfley, Ph.D.
Research Electives

Psychiatry Research Electives

During the fourth year, opportunities exist for many varieties of advanced clinical or research experiences.

Note to Students: There are always a number of research projects in the Department of Psychiatry. For additional information, contact Dr. Rubin at 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
Phone: 314-286-2201
andrey@wustl.edu

This research elective is intended for students interested in cognitive neuroscience, biological psychiatry, and behavior genetics. Dr. Anokhin's laboratory investigates the links between genes, brain and behavior in order to better understand the complex etiology of mental disorders. Our major focus is on the externalizing spectrum of psychopathology characterized by deficits in inhibitory self-regulation and related psychopathologies, including ADHD, conduct disorder and addictive behaviors. We are particularly interested in the intermediate phenotypes (endophenotypes) mediating genetic risk for addiction, such as impulsivity, risk taking, and abnormal reward processing. 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) and functional magnetic resonance imaging (fMRI). For example, an ongoing longitudinal study of adolescent twins explores the 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. In another ongoing study, we examine twins who are discordant for adolescent marijuana use in order to identify the consequences of substance abuse for the brain, cognition and emotion and to distinguish them from preexisting risk factors. Interested students will be able to learn a variety of methods used in these studies, such as the recording and analysis of neural activity, including electroencephalogram (EEG) and event-related brain potentials (ERPs), MRI scanning, startle response, autonomic measures, the administration of neuropsychological and behavioral tests, and the statistical analysis of data. The format of this research elective may include the following: (1) directed reading; (2) participation in laboratory experiments involving human subjects; (3) analysis of existing data from various research projects; and (4) designing and
piloting new behavioral experiments. Qualifications include reliability and responsibility, the ability to commit a specified amount of time per week and to work a schedule that 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 it may involve gaining experience in the techniques of assessing cognitive and emotional function using behavioral and brain imaging methods.

Laura Jean Bierut, MD
Renard 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 individuals at risk for developing nicotine, alcohol and other substance dependence and that protect others from the development of these disorders.

Kevin J. Black, MD
4525 Scott Ave., Room 2205
Phone: 314-362-5041
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 the laboratory's webpage (https://sites.wustl.edu/blacklab/) for examples of past research.

Ginger E. Nicol, MD
Taylor Avenue Building, Suite 121
Phone: 314-362-5154

We are part of the Healthy Mind Lab in the department of psychiatry, and our clinical research broadly focuses on increasing longevity and quality of life in children, adolescents, adults and older adults. Our specific projects focus primarily on obesity treatment and prevention, and they include clinical and genetic studies ofpsychotropic medications known to cause weight gain, like antipsychotic agents. We are interested in developing and testing medication-assisted psychotherapies with agents like ketamine and psilocybin for weight management and disordered eating. We also employ mobile health (mHealth) tools for collecting data and for delivering healthy lifestyle and behavioral weight loss treatments, and we use precision functional and molecular brain imaging techniques to study individual, brain-based mechanisms of illness and treatment response. 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.

Courses

M81 Gateway 630 Psychiatry Clerkship
Credit 308 units.

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 three weeks on the inpatient psychiatry service of Barnes-Jewish Hospital at the main campus unit. Students evaluate and treat patients with psychiatric illness under the supervision of house staff and an attending physician. Students are also assigned for one week at either an ambulatory treatment site or an inpatient consult-liaison service. There is also an opportunity for students to gain exposure to emergency psychiatric services in the Barnes-Jewish Hospital emergency department. The clerkships includes required attendance at teaching conferences, including small-group sessions with WUSM clinical faculty and upper-level psychiatry residents. Students are responsible for completing learning exercises and other assignments.
Credit 154 units.

M85 Psych 771 Ambulatory Clerkship: Psychiatry for Generalists
Up to 2 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 Wash U 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 77 units.
M85 Psych 805 Psychiatry Consult Subinternship
Students spend four weeks on the psychiatry consult service at Barnes-Jewish Hospital. Under the supervision of house staff and attending physicians, students participate in the evaluation and collaborative management of inpatients on medical and surgical units for a broad range of psychiatric and behavioral concerns. They learn about the intersection between psychiatry and other medical specialties and important skills for collaborative patient care. Students attend departmental conferences and other educational sessions, and they also prepare and present a clinical topical review of their choice.

M85 Psych 810 Outpatient Community Psychiatry
This elective will provide the student with a significant outpatient experience in Psychiatry. Students will be paired with a Resident physician and have exposure to two adult clinics and one child clinic over the course of the rotation. Students will observe and assist in the diagnosis and treatment of patients in the clinic setting. Students will also attend scheduled lectures and conferences over the course of the rotation relevant to outpatient Psychiatry. During the elective, the student will learn about the outpatient presentations of psychiatric disorders, a variety of treatment techniques (psychotherapy and psychopharmacology), and general principles of outpatient clinical management.

M85 Psych 836 Inpatient Psychiatry Subinternship
This is a senior rotation that provides the students with an opportunity to expand their knowledge of inpatient clinical psychiatry by functioning as interns. Students attend all staffing and teaching conferences given to first-year psychiatry residents and are responsible for the assessment and management of acute psychiatric patients. Immediate supervision is provided by the inpatient attending, and additional supervision can be arranged as desired. Teaching emphasis is directed toward psychiatric diagnosis, appropriate use of psychopharmacologic agents, psychotherapeutic intervention, use of community resources and pursuit of the psychiatric scientific literature. The student will write a self-selected clinical topic relevant to treatment and management of psychiatric inpatients.

M85 Psych 840 Child Psychiatry
This elective in child psychiatry utilizes the St. Louis Children's Hospital St. Louis Children's Hospital Pediatric Behavioral Health Unit and the Consult-Liaison service. It provides experience in age-appropriate diagnostic and treatment methods in children and adolescents. A portion of your time may be spent in the outpatient clinics if interested and if circumstances permit. A paper on a topic of the student's choosing is required.

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 rotation is primarily self-directed but the student will work with several faculty within the Department of Psychiatry and will meet with the Course Director a minimum of two hours per week. They will also work with The City of St Louis Probate Court and shadow at the St. Louis Psychiatric Rehabilitation Center, a nearby forensic hospital. The student will also be assigned readings of landmark cases, textbooks, psychiatric expert opinions, legal filing 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.

M85 Psych 860 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 900 Research Elective: Psychiatry
Research opportunities may be available. If interested, please contact the Department of Psychiatry.