Instruction in Medicine is provided during all four years of the medical curriculum, beginning with Practice of Medicine I (Medicine 507) in the first year. Teaching in the second year has two main objectives: the correlation of the basic sciences with clinical aspects of disease and training in the technical methods of physical examination and laboratory diagnosis. By the beginning of the third year, the student is ready for supervised clinical study of individual patients. A clinical clerkship of 12 weeks, divided into three four-week periods, is served by third-year students on the medical services of the department. In the final year, students may elect a sub-internship in general medicine and a series of elective courses in the medical specialties.

Website: https://internalmedicine.wustl.edu

Research

For information about Primary Care Summer Preceptorships (p. 4), please refer to the information at the bottom of this section.

M25 Medicine 900

Dana R. Abendschein, PhD
9924 Clinical Sciences Research Building
Phone: 314-362-8925

Research in this translational physiology laboratory is focused on development of novel antithrombotic approaches for use during acute myocardial infarction, stroke, and surgery where vascular injury is an underlying mechanism. Current studies are designed to define the efficacy of targeting antithrombotics to the surface of injured vascular cells and activated platelets on thrombus progression. One approach uses nanoparticles covered with epitopes to bind exposed receptors on thrombus and containing inhibitors of coagulation or platelet activation. Students will be expected to participate in experiments using animal models and will develop skills in experiment design, vascular physiology, clinical antithrombotic therapy, coagulation, histopathology and statistics.

John P. Atkinson, MD
Clinical Sciences Research Building, 10th Floor
Phone: 314-362-8391

A clinical research elective is offered in the evaluation of patients with complement deficiency or overactivity states and with undiagnosed rheumatic disease syndromes.

Roberto Civitelli, MD
BJC Institute of Health, 11th Floor, Musculoskeletal Research Center
Phone: 314-454-8408

The biology of cell-cell interactions and communication in bone via gap junctions and cell adhesion molecules. Function of connexins and cadherins in transcriptional control of osteoblast differentiation, osteoclastogenesis, and mechanotransduction. Modulation of mesenchymal lineage allocation and osteogenic differentiation by cadherins and beta-catenin signaling.

Nicholas O. Davidson, MD
910 Clinical Sciences Research Building, North Tower
Phone: 314-362-2027

Genetic pathways for nonalcoholic fatty liver disease (NAFLD) and colorectal cancer development. We have two major areas of research interest. Our laboratory is interested, first, in the molecular mechanisms of hepatic steatosis and the pathogenesis of NAFLD. This is the most prevalent liver disease in the U.S., likely affecting a quarter of the population. We have generated genetically manipulated mouse strains that offer insights into the mechanisms of hepatic steatosis. The student would work as part of a team, designing and conducting experiments that will test hypotheses concerning the mechanisms and consequences of hepatic steatosis. These studies will primarily involve mouse genetics, examining the expression of candidate genes under a variety of nutritional and pharmacologic settings that modulate hepatic lipid metabolism. In addition we are using microarrays to study the spectrum of genetic changes that may predict the extent of hepatic lipid accumulation in patients with steatohepatitis. Our goal is to test hypotheses using mouse genetics and to extend these studies to examine the same pathways in humans with NAFLD. Our second area of interest concerns the genetic pathways involved in colorectal cancer, the second leading cause of cancer-related deaths. We have developed a novel strain of mice in which the dominant effects of mutations in the APC tumor suppressor gene have been abrogated through deletion of an RNA binding protein, apobec-1. This deletion has a major effect on the expression of cox-2, abrogating the increase in expression seen in human colonic adenomas and wild-type mouse intestinal adenomas. These findings suggest that apobec-1 is a genetic modifier of colon cancer development. We will study the importance of apobec-1 expression in human colon cancer specimens and continue our murine genetic studies of this novel pathway for modulating colon cancer development and progression.

Gerome Escota, MD
6604 Wohl Hospital
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Special projects in medical education. Through special arrangement with and approval by the course director, fourth-
year students will participate in special projects in medical education. Typical projects will require approximately four weeks to complete. These four weeks can occur consecutively (preferred) or be spread out somewhat as needed. Medical education projects should be aimed at improving the curriculum, student experience, and/or administration of the Internal Medicine Clerkship or the Sub-Internship. Interested students should contact the course director via phone or email to discuss the proposed project. Those who are interested but would like guidance in designing a project should also contact the course director. This is open only to Washington University School of Medicine students.

**Bradley Evanoff, MD, MPH**
Phone: 314-454-8638

Occupational medicine epidemiology and intervention research. Our research involves the use of epidemiology methods to characterize associations between diseases and work-related exposures. We are also doing workplace intervention studies to prevent injuries and illnesses, and to improve healthy diet and physical activity among working populations. During an elective in occupational medicine epidemiology research, students will learn how to use epidemiologic methods to investigate disease processes by working on a mutually agreed-on topic of interest related to occupational diseases. Other activities can include work-site visits and intervention projects, as well as involvement with work-site health promotion and policy making. Elective length is variable depending on individual circumstances. Please contact Dr. Evanoff to discuss this research.

**Gregory I. Goldberg, PhD**
Wohl Clinic, 4th Floor
Phone: 314-362-8172

Role of secreted extracellular matrix metalloproteases in tissue remodeling. Structure and function of the metalloproteases.

**Richard W. Gross, MD, PhD**
4525 Scott Avenue, East Building
Phone: 314-362-2690

Lipid mediators of signal transduction in the cardiovascular system. Characterization of regulatory mechanisms responsible for the liberation of lipid second messengers during cellular activation. The roles of phospholipases in mediating the metabolic syndrome and end-organ tissue damage.

**Stacey House, MD, PhD**
Phone: 314-362-8070
Email (houses@wustl.edu)
or **Lisa Hayes**
Phone: 314-362-4362
Email (hayesl@wustl.edu)

Emergency medicine clinical research. Emergency medicine clinical research involves the gamut of research designs ranging from retrospective cohort studies (“The Use of B Hydroxy Butyrate Point-of-Care Testing in Diabetic Ketoacidosis”) to prospective clinical trials (“Biomarkers in Traumatic Brain Injury”) to the evaluation of health care systems and Emergency Department processes (“Effects of a Triage Process Conversion on the Triage of High Risk Presentations”) to analyzing health policy issues (“Rate of Follow-up to a Primary Care Clinic and Subsequent Emergency Department Utilization among an Urban ED Population”). Students will learn the basic clinical research designs and will be able to articulate the benefits and drawbacks of each. They will be involved in hypothesis generation and study design for projects that are at that stage. For ongoing projects, they will learn about the informed consent process and be involved in screening for study subjects and subject selection and enrollment. They will be allowed to consent for studies judged to be minimal risk. Students will be taught important rules regarding data acquisition and entry, particularly as it relates to standards that have been set forth in the medical literature. They will learn about bias and inter-rater reliability. Students will participate in data entry, data analysis, and subsequent abstract/manuscript preparation based on their level of interest and ability for time commitment. Students will meet weekly with one of the course directors to discuss study progress and to identify any roadblocks to study completion. These meetings will also serve as a forum for one-on-one education of the student regarding study methodology, ethical issues in research, and various resources available to the clinical researcher at Washington University.

**Sandor J. Kovacs, MD, PhD**
9965 Clinical Sciences Research Building
Phone: 314-362-8901

For students with math, physics and engineering background. Cardiovascular biophysics research elective concentrates on physiologic modeling and comparison of model predictions to in vivo human data. Minimum of eight weeks of elective time.

**Marc S. Levin, MD, and Deborah C. Rubin, MD**
922/924 Clinical Sciences Research Building
Phone: 314-362-8933, 314-362-8935

Students will be members of a collaborative research team headed by Drs. Levin and Rubin (Department of Medicine) investigating the mechanisms underlying the intestinal adaptive response that occurs to compensate for loss of functional small intestine. A second project focuses on epithelial-mesenchymal interactions and their role in regulating gut epithelial proliferation carcinogenesis and the normal and cancer stem cell niche. Specific mechanisms under investigation include the function of an immediate early gene Tis7 on gut adaptation following resection or injury. The role of myofibroblast protein epimorphin in regulating cell proliferation and colon carcinogenesis is being explored. The student will have the opportunity to learn basic molecular biology and physiology as it relates to small intestinal growth and function. Examples of techniques that are used in these studies include small animal surgery and colitis and cancer models (mice and rats), molecular biological techniques including PCR, Northern blotting, vector construction
for production of transgenic and knockout mouse models, in situ hybridization and immunohistochemistry.

**Jason C. Mills, MD, PhD**
Clinical Sciences Research Building, North Tower, Room 1030
Phone: 314-362-4213

We investigate the differentiation of epithelial stem cells in the upper GI tract. We study how genes regulate differentiation in mouse models and in vitro in tissue culture, and we correlate our findings with human tissue specimens. Specific projects include: (1) understanding how inflammation leads to aberrant differentiation (metaplasia), which is a precursor for cancer; (2) elucidating how master regulatory transcription factors like Xbp1 and Mist1 coordinate the massive cytoskeletal and organelar expansion of specialized secretory cells as they differentiate from stem cells; and (3) understanding mechanisms regulating how differentiated cells can be reprogrammed into stem cells in GI organs like stomach and pancreas.

**Richard E. Ostlund, MD**
8804 Wohl Hospital
Phone: 314-362-8286

Our laboratory focuses on the prevention and treatment of coronary heart disease by studying cholesterol absorption, detoxification and elimination from the body. Direct patient studies that use new stable isotopic cholesterol tracers and mass spectrometry techniques complement in vitro work on the biochemistry of cholesterol transport in cultured cells.

**Russell Pachynski, MD**
BJC Institute of Health, 7th Floor
Phone: 314-286-2341

Our lab focuses on several aspects of tumor immunology and translational immunotherapy. We utilize mouse tumor models, human tissues and samples, and advanced molecular and immunologic techniques to study leukocyte trafficking in the setting of tumor development and progression. We also have projects focusing on developing novel immunotherapeutics aimed at augmenting the recruitment of beneficial leukocyte subsets into the tumor microenvironment in order to suppress tumor growth. We are utilizing several approaches such as nanoparticles, fusion proteins and viruses.

**Katherine Ponder, MD**
8818 Cancer Science Research Building
Phone: 314-362-5188
Email (kponder@wustl.edu)

Gene therapy for lysosomal storage diseases. Our laboratory is interested in using gene therapy to treat lysosomal storage diseases such as mucopolysaccharidosis (MPS). We have developed a retroviral vector that can be efficiently delivered to the liver of mice and dogs, and results in expression that is sufficient to reduce many of the clinical manifestations of these genetic diseases. Current studies focus upon assessing the therapeutic effect of gene therapy on sites that are affected in MPS such as the heart, aorta, bones and joints, and developing vectors that might be translated into human patients. In addition, we are evaluating the pathogenesis of disease in MPS, which appears to involve the upregulation of destructive proteases in the aorta and possibly other sites. A better understanding of the pathogenesis of disease might result in additional therapies for MPS.

**Clay F. Semenkovich, MD**
Southwest Tower, 8th Floor
Phone: 314-362-4454

Fatty acid metabolism and its role in atherosclerosis, diabetes, hypertension and obesity. The modulation of respiratory uncoupling for the treatment of aging, obesity and vascular disease.

**Phyllis K. Stein, PhD**
Northwest Tower, Room 13116
Phone: 314-286-1350
Email (pstein@wustl.edu)

Clinical significance of heart rate variability and ECG-derived waveform parameters obtained from continuous ambulatory monitoring. This elective affords the opportunity to perform research in heart rate variability or in other measurements, like QT variability or T-wave alternans that can be derived from continuous ECG monitoring from Holter recordings or polysomnography recordings in the sleep lab. One area of active research is the identification of heart rate patterns associated with obstructive and central sleep apneas and hypopneas and the relationship of previously unappreciated cycling heart rate patterns and outcomes. Data are also available from mice. Many possible projects are available using our many large existing datasets, using the thousands of stored studies in the sleep lab, or involving de novo data collection in a clinical or animal population and in infants. Also, many possible directions for this research are available from applying traditional and nonlinear HRV to different populations, developing methods to quantify ultradian heart rate variability patterns, to developing novel ECG analysis techniques, etc. Also, we are involved with the Cardiovascular Health Study (CHS), a large population-based longitudinal study of risk factors for heart disease and stroke among community-dwelling people >65 years old. There is a subset of this population who had Holter recordings (~1400 at baseline, ~800 of the same people five years later, and ~370 minority subjects recorded at the same time as the second CHS recording). These recordings have already been analyzed by us so there is a large amount of heart rate variability and heart rate pattern data available. There are also subsets of the CHS and of another study (EPHESUS) who are known to have died suddenly, and we have developed a matched control group in order to examine ECG-based differences in those who died suddenly. We also have electronic sleep studies at two time points for about 300 of the CHS Holter participants who also participated in the Sleep Heart Health Study. We have analyzed an additional ~1500 sleep studies from CHS participants who did...
not have Holter recordings. Thus, there is also an opportunity in the CHS dataset for studies on the relationship of heart rate variability and changes in heart rate variability over time and a huge number of clinical and demographic factors among the elderly. We also have data on the relationship of Holter-based HRV and sleep apnea patterns to the development of atrial fibrillation post-cardiac surgery and data from a study of treatment of depression in treatment-resistant depressed post-MI patients, a study of sickle cell patients, and one of heart rate variability and echo parameters in elderly African Americans.

Currently we are also analyzing HRV in both premature infants as they mature and also HRV as a predictor of response to treatment in babies in the NICU and PICU, using stored 24-hour bedside ECGs.

Heart rate variability and clinical outcomes: The student will be learning about HRV methods and will investigate the relationship of HRV and outcomes in one of our datasets. Because we have clinical and demographic data on about 20,000 subjects for whom continuous ECGs from Holter recordings, sleep studies, and ICU studies are available, and also some mouse data, the student will be able to choose a project leading to a publishable result in an area of interest. The HRV Lab has enough computers and software to accommodate the needs of any interested students.

John Turk, MD, PhD
Southwest Tower, 8th Floor
Phone: 314-362-8190

Phospholipid signaling mechanisms in pancreatic islets. Experience in mass spectrometric analysis of complex lipids is available.

H.J. Wedner, MD
5002 Steinberg Pavilion, Barnes-Jewish Hospital, North Campus
Phone: 314-454-7937 or 314-454-7377

1. Asthma care in the inner city: Students will participate in ongoing studies of the delivery of asthma care to inner-city children and adults. The emphasis will be on direct contact between the asthmatic patients and the student, along with an asthma counselor.

2. Biology of pollen and fungal allergens: Our laboratory has been characterizing the important allergenic proteins from molds and pollen. The allergens are identified using skin-test-sensitive individuals, and the proteins are isolated and characterized by a combination of physiochemical and molecular biological techniques. These studies should lead to better forms of allergy immunotherapy. Students will participate in the isolation, characterization and modification of major allergens from a number of molds including Stachybotrys atra, Epicoccum nigrum, and several pollens including those from white oak and Parthenium hysterophoros, a newly recognized allergen.

Primary Care Summer Preceptorships

Since 1996 the school has sponsored a primary care preceptorship program for students during the summer between their first and second years of classes. Students select a preceptor in internal medicine, pediatrics or family practice and spend up to eight weeks observing that physician’s clinical practice. A stipend is provided to the student. Although many of the preceptors are in St. Louis, others, particularly alumni, are located in cities throughout the country.

Faculty

The Department of Medicine’s general medicine teaching services at Barnes-Jewish Hospital and the Veterans Administration Medical Center (St. Louis) are under the following directors:

John P. Atkinson, MD
Samuel Grant Professor of Medicine
Chief, Division of Rheumatology

Melvin S. Blanchard, MD
Professor of Medicine
Chief, Division of Medical Education

Roberto Civitelli, MD
Sydney M. & Stella H. Schoenberg Professor of Medicine
Chief, Division of Bone and Mineral Diseases

Lynn A. Cornelius, MD
Winfred A. and Emma R. Showman Professor of Dermatology in Medicine
Chief, Division of Dermatology

Jeffrey S. Crippin, MD
Marilyn E. Bornefeld Chair in Gastrointestinal Research and Treatment
Professor of Medicine
Associate Chair for Clinical Programs

Nicholas O. Davidson, MD
John E. and Adaline Simon Professor of Medicine
Chief, Division of Gastroenterology

John F. DiPersio, MD, PhD
Virginia E. and Sam J. Golman Professor of Medicine
Chief, Division of Oncology

Bradley A. Evanoff, MD, MPH
Richard A. and Elizabeth Henby Sutter Chair in Occupational, Industrial, and Environmental Medicine
Chief, Division of General Medical Sciences

Victoria J. Fraser, MD
Adolphus Busch Professor of Medicine and Chairman

Daniel E. Goldberg, MD, PhD
David M. and Paula L. Kipnis Distinguished Professor
Co-Chief, Division of Infectious Diseases
Daniel M. Goodenberger, MD
Professor of Medicine
Chief, Veteran's Administration

Richard W. Gross, MD, PhD
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Chief, Division of Bioorganic Chemistry and Pharmacology

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Selma and Herman Seldin Professor of Medicine
Chief, Division of Pulmonary and Critical Care Medicine

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Chief, Division of Nephrology

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Chief, Division of Geriatrics and Nutritional Sciences

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J. Evan Sadler, MD, PhD
The Foundation for Barnes-Jewish Hospital's Ira M. Lang Endowed Chair
Chief, Division of Hematology

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Irene E. and Michael M. Karl Professor of Endocrinology and Metabolism in Medicine
Chief, Division of Endocrinology, Metabolism and Lipid Research

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Associate Professor of Medicine
Chief, Division of Hospital Medicine

H. James Wedner, MD
Dr. Phillip and Arleen Korenblat Professor
Chief, Division of Allergy and Immunology

Visit our website for more information about our faculty (https://internalmedicine.wustl.edu/divisions) and their appointments.

A

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MD Washington Univ in St. Louis 1963
BA Amherst College 1959

**Clifford Allen Birge, MD**
Assistant Professor of Clinical Medicine (primary appointment)
BA Amherst College 1956
MD Washington Univ in St. Louis 1961

**Thomas M Birkenmeier, MD**
Assistant Professor of Medicine (primary appointment)
MD Washington Univ in St. Louis 1982
BA Washington Univ in St. Louis 1978

**Kumar Sanjeev Bishnupuri, MS, PHD**
Instructor in Medicine (primary appointment)
BS Tilka Manjhi Bhagalpur Univ 1988
MS Banaras Hindu University 1992
PHD Banaras Hindu University 1999

**Valerie Blanc, PHD, MS**
Instructor in Medicine (primary appointment)
PHD University of Bordeaux 2 1996
MS University of Bordeaux 2 1992

**Melvin S Blanchard, BBA, MD**
Professor of Medicine (primary appointment)
Director of Residency Program, Department of Internal Medicine
BBA Trevecca Nazarene College 1987
MD University of Tennessee 1994

**Merilda O Blanco-Guzman, MD**
Assistant Professor of Medicine (primary appointment)
MD PUCMM FACULTAT DE CIENCIAS DEL 2004

**Elizabeth Joy Blaney, MD**
Assistant Professor of Medicine (primary appointment)
MD Ohio State University 2007
BA Eastern Michigan University 2003

**Morey A Blinder, MD**
Professor of Medicine (primary appointment)
Professor of Pathology and Immunology
MD Saint Louis University 1981
BS University of Notre Dame 1977

**Donald Allen Blum**
Assistant Professor of Clinical Medicine (primary appointment)

**Imre Bodo**
Adjunct Instructor in Medicine (primary appointment)

**Michael Bolger**
Instructor in Clinical Medicine (primary appointment)

**Matthew James Bonzelet, MD**
Instructor in Clinical Medicine (primary appointment)
MD Saint Louis University 2009

**Adrianus C Boon, PHD, MS**
Assistant Professor of Medicine (primary appointment)
Assistant Professor of Molecular Microbiology
Assistant Professor of Pathology and Immunology
PHD Erasmus University Rotterdam 2003
MS University of Amsterdam 1997

**Jamie Marie Borgmann**
Instructor in Clinical Medicine (primary appointment)

**Benjamin A Borowsky, MD**
Professor of Clinical Medicine (primary appointment)
MD Washington Univ in St. Louis 1958

**Steven H. Borson, MD**
Instructor in Medicine (primary appointment)
MD Temple University 2014
BS Washington Univ in St. Louis 2010

**Jonathan D Bortz, MD**
Instructor in Clinical Medicine (primary appointment)
MD University of the Witwatersra 1979

**Ron Bose, PHD, PHD1, MD**
Associate Professor of Medicine (primary appointment)
Associate Professor of Cell Biology and Physiology
BS University of Rhode Island 1991
PHD Cornell University 1998
Matthew S Bosner, MD
Assistant Professor of Clinical Medicine (primary appointment)
BS Muhlenberg College 1979
MD University of Texas Austin 1983

William G Bowen, MD
Associate Professor of Clinical Medicine (primary appointment)
MD University of North Carolina 1974
BS Davidson College 1970

Lyndsey Jean Bowman, PHD
Adjunct Instructor in Medicine (primary appointment)
PHD St Louis College of Pharmacy 2005

Sabina A Braithwaite, MPH, MD
Associate Professor of Emergency Medicine in Medicine
(primary appointment)
MPH University of South Florida 2009
BS Georgetown University 1986
MD Medical College of Virginia 1991

Joseph Brancheck, MD
Instructor in Medicine (primary appointment)
MD University of Illinois 2013

Richard D. Brasington Jr, MD
Professor of Medicine (primary appointment)
BA Harvard University 1974
MD Duke University 1980

Alan C Braverman, MD
Alumni Endowed Professor of Cardiovascular Disease in Medicine
(primary appointment)
BA University of MO Kansas City 1984
MD University of Missouri 1985

Andrea Lynn Bredemeyer, PHD
Instructor in Medicine (primary appointment)
PHD Washington Univ in St. Louis 2006
BA Colby College 1999

Audrey Brenot, BS1, PHD, MS
Instructor in Medicine (primary appointment)
BS1 University of Paris 1995
PHD University of Paris 2001
BS University of Paris 1996
MS University of Paris 1997

Thomas J. Brett, PHD
Associate Professor of Medicine (primary appointment)
Associate Professor of Biochemistry and Molecular Biophysics
Associate Professor of Cell Biology and Physiology
PHD University of Nebraska 1999
BS North Dakota State University 1992

Tiffani JeDawn Bright, PHD
Instructor in Medicine (primary appointment)
BS University of Maryland 2004
PHD Columbia University 2009
BA College of William and Mary 2001

Matthew Brinkmeier, BS1, MD
Instructor in Medicine (primary appointment)
BS1 Washington Univ in St. Louis 2001
MD Washington Univ in St. Louis 2007

Steven L Brody, MD
Dorothy R and Hubert C Moog Professor of Pulmonary Diseases in Medicine (primary appointment)
Professor of Radiology
MD University of Michigan 1980

Rita Thomas Brookheart, PHD
Assistant Professor of Medicine (primary appointment)
Assistant Professor of Pediatrics
BA Sweet Briar College 2003
PHD Washington Univ in St. Louis 2009

Christopher B. Brooks, MD
Associate Professor of Emergency Medicine in Medicine
(primary appointment)
MD Georgetown University 1982

Angela L Brown, MD
Associate Professor of Medicine (primary appointment)
BS Southern Methodist University 1987
MD Washington Univ in St. Louis 1992

Lawrence R Brown, MD, PHD
Assistant Professor of Emergency Medicine in Medicine (primary appointment)
BS Univ of Wisconsin Madison 1982
MD Washington Univ in St. Louis 1990
PHD Washington Univ in St. Louis 1989

David L. Brown, MD
Professor of Medicine (primary appointment)
BA University of Texas Austin 1977
MD Baylor University 1982

Jeffrey Wade Brown, PHD, MD
Instructor in Medicine (primary appointment)
PHD Boston University 2012
MD Boston University 2012

George John Broze Jr, MD
Professor of Medicine (primary appointment)
Professor of Cell Biology and Physiology
Professor of Pathology and Immunology
BS University of Washington 1968
MD University of Washington 1972

Robert M Bruce, MD
Professor of Clinical Medicine (primary appointment)
BS University of Minnesota 1968
BA Washington Univ in St. Louis 1964
Kathleen S Brunts, MD
Instructor in Clinical Medicine (primary appointment)
BS Western Michigan University 1977
MD Saint Louis University 1981

Stanley Buck, MD
Instructor in Clinical Medicine (primary appointment)
BS Princeton University 1973
MD Washington Univ in St. Louis 1977

Philip J Budge, BS1, PHD, MD
Assistant Professor of Medicine (primary appointment)
BS Brigham Young University 1998
BS1 Brigham Young University 1998
PHD Vanderbilt University 2003
MD Vanderbilt University 2007

Scott H Burner, MD
Associate Professor of Emergency Medicine in Medicine (primary appointment)
MD Medical University of St Car 1978

Jason P Burnham, BS1, MD
Instructor in Medicine (primary appointment)
BS Southwestern University 2008
BS1 Southwestern University 2008
MD University of Texas Galveston 2012

Donald F Busiek, MD
Instructor in Clinical Medicine (primary appointment)
BA Saint Louis University 1974
MD University of Missouri 1983

Melvin J Butler
Instructor in Clinical Medicine (primary appointment)

Anne Mobley Butler, MS, PHD
Instructor in Medicine (primary appointment)
Instructor in Surgery (Public Health Sciences)
BS Emory University 2003
MS Harvard University 2006
PHD University of North Carolina 2014

Derek E Byers, MD, PHD
Associate Professor of Medicine (primary appointment)
BS University of Oklahoma 1993
MD University of Texas Southwest 2001
PHD University of Texas Southwest 2001

Jonathan Nicholas Byrd, MD, BS1
Assistant Professor of Clinical Medicine (primary appointment)
MD Washington Univ in St. Louis 2011
BS1 Tulane University 2007

Galileo Cabral, MD
Associate Professor of Clinical Medicine (primary appointment)
Assistant Professor of Medicine (Dermatology) (primary appointment)
BA University of Texas Austin 1992
MD UniformedServUofHealthSciences 1996

Kenneth R Carson, MD
Assistant Professor of Medicine (primary appointment)
Assistant Professor of Surgery (Public Health Sciences)
MD University of Southern Calif 2000
BS University of Southern Calif 1995

Amanda Fishback Cashen, MD, BS1
Associate Professor of Medicine (primary appointment)
BS Yale University 1995
MD Washington Univ in St. Louis 1999
BS1 Yale University 1995

Roque Castillo
Assistant Professor of Medicine (primary appointment)

Mario Castro, MD, M PH
Professor of Medicine (primary appointment)
Alan A and Edith L Wolff Distinguished Professor
Professor of Pediatrics
Professor of Radiology
BA University of MO Kansas City 1988
MD University of Missouri 1988
M PH Saint Louis University 1998

Lilibeth Maria Cayabyab-Loe, MD
Assistant Professor of Clinical Medicine (primary appointment)
BA Saint Louis University 1986
MD University of Missouri 1990

Hamza Celik, PHD
Instructor in Medicine (primary appointment)
PHD AIX-MARSEILLE UNIVERSITY 2013
BS University of Westminster 2009

Murali M Chakinala, MD
Professor of Medicine (primary appointment)
BS Duke University 1990
MD Vanderbilt University 1994

Grant A Challen, PHD
Associate Professor of Medicine (primary appointment)
PHD University of Queensland 2006

Philip Chan, MD
Instructor in Emergency Medicine in Medicine (Pending Dean's Approval) (primary appointment)
MD Northwestern University 2013
BA Northwestern University 2009

Kae Pyng Chang, MD
Instructor in Clinical Medicine (primary appointment)
MD University of Missouri 1995
BA Washington Univ in St. Louis 1991

Dennis Tian-Shu Chang, MED

Associate Professor of Medicine (Pending Executive Faculty Approval) (primary appointment)
BS Yale University 1999
MED University of Chicago 2003

Monica Chang-Panesso, MD
Assistant Professor of Medicine (primary appointment)
MD Texas Tech University 2009

Douglas Char, MD, MA
Professor of Emergency Medicine in Medicine (primary appointment)
BS Boston College 1983
MD University of Hawaii 1989
MA Boston University 1985

Sirot Charnond, MD
Instructor in Clinical Medicine (primary appointment)
BA University of MO Kansas City 1995
MD University of MO Kansas City 1995

Lewis Robert Chase, MD
Professor of Medicine (primary appointment)
BA Princeton University 1960
MD Harvard University 1964

Salman Chaudhry, MBBS
Instructor in Medicine (primary appointment)
MBBS Agha Khan University, Pakistan 2007

Lakshmi Ramya Chelapreddy, MBBS
Instructor in Medicine (primary appointment)
MBBS Dr. NTR University of Health S 2010

Qing Chen, MD, UNKNOWN, MS
Instructor in Clinical Medicine (primary appointment)
MD Nanjing Medical University 1983
UNKNOWN School Not Listed 1983
MS Nanjing Medical University 1988

Feng Chen, PHD
Associate Professor of Medicine (primary appointment)
Associate Professor of Cell Biology and Physiology
PHD University of Utah 1998
BS Fudan University 1991

Baosheng Chen, PHD
Instructor in Medicine (primary appointment)
PHD Peking Union Medical College, 2002

Chien-Huan Chen, PHD, MD
Professor of Medicine (primary appointment)
PHD Johns Hopkins University Med 1999
MD National Taiwan University 1993

David Yuan-Sou Chen, MD, PHD
Instructor in Medicine (primary appointment)
MD Washington Univ in St. Louis 2012
BS University of Michigan 2003
PHD Washington Univ in St. Louis 2012
Phyllis Chen, MD  
Instructor in Clinical Medicine (primary appointment)  
MD Northwestern University Med 1992

Alexander Chi Chen, MD  
Associate Professor of Medicine (primary appointment)  
Associate Professor of Surgery (Cardiothoracic Surgery)  
MD University of MO Kansas City 2001

Ying Chen, MD, PHD  
Assistant Professor of Medicine (primary appointment)  
MD Shanghai Medical University 1996  
PHD Vanderbilt University 2004

Sara X Chen  
Instructor in Medicine (primary appointment)  
BS Vanderbilt University 2010

Edward C. Chen, MD  
Instructor in Clinical Medicine (primary appointment)  
MD Saint Louis University 2005

Steven Chih Nung Cheng, MD  
Associate Professor of Medicine (primary appointment)  
MD Northwestern University Med 2002  
BA Northwestern University 2001

Praveen R Chenna, MBBS  
Assistant Professor of Medicine (primary appointment)  
MBBS Sri Ramachandra Medical Colleg 2005  
BS Washington Univ in St. Louis 1998

Cynthia Cherfane, MD  
Instructor in Medicine (primary appointment)  
MD St. Joseph University, Beirut 2011

Milan G Chheda, MD  
Assistant Professor of Medicine (primary appointment)  
Assistant Professor of Neurology  
MD Albert Einstein College of Med 2002

Stephen Wen-Yan Chi, MD  
Instructor in Medicine (primary appointment)  
MD Washington Univ in St. Louis 2016

Rebecca Joy Chibnall, MD, AA  
Assistant Professor of Medicine (Dermatology) (primary appointment)  
BS Washington Univ in St. Louis 2007  
MD University of California 2012  
AA Washington Univ in St. Louis 2007

Phillip Ruben Chisholm  
Instructor in Clinical Medicine (primary appointment)

Jaebok Choi, PHD, BE, MS  
Assistant Professor of Medicine (primary appointment)  
PHD Baylor University 2006  
BE Kyung Pook National University 1996  
MS Univ of Nebraska at Omaha 2001

Courtney Darcey Chrisler, MD  
Assistant Professor of Medicine (primary appointment)  
MD Washington Univ in St. Louis 2007  
BS Northwestern University 2003

Matthew Christopher, MD, PHD  
Assistant Professor of Medicine (primary appointment)  
MD Washington Univ in St. Louis 2010  
PHD Washington Univ in St. Louis 2010  
BA Saint Louis University 1993

George P Christophi, MD, PHD  
Instructor in Medicine (primary appointment)  
MD Upstate Medical University 2011  
PHD Upstate Medical University 2011

Philip Chu Pak-Yu, MD  
Instructor in Clinical Medicine (primary appointment)  
BS California State Fresno 1986  
MD University of CA Los Angeles 1992

Duck Sung Chun, MD  
Instructor in Clinical Medicine (primary appointment)

Jeffrey Peter Ciamamita  
Instructor in Clinical Medicine (primary appointment)

Thomas Michael Ciesielski, MD  
Assistant Professor of Medicine (primary appointment)  
MD Oregon Health Science Univers 2010

Vincenza Cifarelli, PHD, MS  
Assistant Professor of Medicine (primary appointment)  
PHD University of Pittsburgh 2011  
MS Universita de Modena e Reggio 2005

Matthew Aaron Ciorda, MD  
Associate Professor of Medicine (primary appointment)  
MD University of Iowa 2001

Geoffrey Cislo, MD  
Assistant Professor of Medicine (primary appointment)  
MD University of Michigan 1996  
BS University of Michigan 1993

Roberto Civitelli, MD  
Sydney M and Stella H Schoenberg Professor of Medicine (primary appointment)  
Professor of Cell Biology and Physiology  
Professor of Orthopaedic Surgery  
BS University of Siena 1980  
MD University of Siena 1980

Dorothy Jean Cline, MD  
Instructor in Clinical Medicine (Dermatology) (primary appointment)  
MD Saint Louis University 1977  
BA University of Missouri 1973

William Edward Clutter, MD  
Associate Professor of Medicine (primary appointment)
Associate Director of the House Staff Training Program,
Department of Internal Medicine
MD Ohio State University 1975
BS Ohio State University 1972

Shari J Cohen, MD
Assistant Professor of Clinical Medicine (primary appointment)
BA University of MO Kansas City 1986
MD University of Missouri 1987

Brian G Cohn, MD
Assistant Professor of Emergency Medicine in Medicine (primary appointment)
MD University of Alabama 2003

Susan R Colbert-Threats, MD
Assistant Professor of Clinical Medicine (primary appointment)
BS Northwestern University 1986
MD University of Illinois 1991

Patricia L Cole, MA, MD
Associate Professor of Clinical Medicine (primary appointment)
BA Mount Holyoke College 1972
MA Brown University 1975
MD Harvard University 1981

Danita L Cole, MD
Instructor in Clinical Medicine (primary appointment)
MD University of MO Kansas City 1991
BA University of MO Kansas City 1990

Roger Barto Cole, MS, PHD, MD
Instructor in Clinical Medicine (primary appointment)
MS Yale University 2001
BS Rice University 1997
PHD Yale University 2004
MD Washington Univ in St. Louis 2008

Sarah F Cole
Instructor in Clinical Medicine (primary appointment)

Laura Ann Colletti-Mann, MD
Associate Professor of Medicine (primary appointment)
MD Boston University 1980

Kim David Colter, MD, MS
Instructor in Clinical Medicine (primary appointment)
MD Washington Univ in St. Louis 1978
MS University of CA Berkeley 1974
BS MO S&T (formerly UofMO Rolla) 1973

Arthur Hamilton Combs, MD
Associate Professor of Clinical Medicine (primary appointment)
MD New York Medical College 1975

Daniel Horatio Cooper, MD
Associate Professor of Medicine (primary appointment)
BS Washington Univ in St. Louis 1999
MD Loyola University Chicago 2003

Matthew Cooper, PHD

Instructor in Medicine (primary appointment)
BS University of Surrey 2004
PHD University of Surrey 2008

Lynn Anne Cornelius, BN, MD
Winfred A and Emma R Showman Professor of Dermatology in Medicine (primary appointment)
BN University of Delaware 1977
MD University of Missouri 1984

Natalie Danielle Cosgrove, MD
Assistant Professor of Medicine (Pending Executive Faculty Approval) (primary appointment)
MD Temple University 2011

John Bernard Costello, MD
Instructor in Clinical Medicine (primary appointment)
BA Saint Louis University 1974
MD Saint Louis University 1977

Carrie Christine Coughlin, MD
Assistant Professor of Medicine (Dermatology) (primary appointment)
Assistant Professor of Pediatrics
BA Yale University 2005
MD Washington Univ in St. Louis 2010

Martha Laurin Council, MD
Associate Professor of Medicine (Dermatology) (primary appointment)
BS Louisiana St University 2000
MD Washington Univ in St. Louis 2004

Daniel W Coyne, MD
Professor of Medicine (primary appointment)
MD Case Western Reserve Univ 1983
BA Saint Louis University 1979

Clarissa S. Craft, PHD
Assistant Professor of Medicine (primary appointment)
Assistant Professor of Cell Biology and Physiology
BS Beloit College 2003
PHD Northwestern University 2007

Johnetta M Craig, MBA, MD
Instructor in Clinical Medicine (primary appointment)
BS University of Missouri 1980
MBA University of Pennsylvania 1994
MD University of Iowa 1986

John Jeffrey Cras, MD, MS
Assistant Professor of Medicine (primary appointment)
MD Georgetown University 2003
BS Loyola College 1994
MS Georgetown University 1998

Charles Crecelius, MD, PHD
Assistant Professor of Clinical Medicine (primary appointment)
MD Saint Louis University 1984
PHD Saint Louis University 1984
Zachary David Crees, MD
Instructor in Medicine (primary appointment)
BA University of Colorado 2011
MD University of Illinois 2015

Sharon Cresci, MD
Associate Professor of Medicine (primary appointment)
Associate Professor of Genetics
BS State Univ of NY Binghampton 1982
MD New York University 1986

Stephen R Crespin, MD
Associate Professor of Clinical Medicine (primary appointment)
MD Harvard University 1965
BA Harvard University 1960

Jeffrey S Crippin, MD
Professor of Medicine (primary appointment)
MD University of Kansas 1984
BS University of Notre Dame 1980

Paulina Cruz Bravo, MD
Assistant Professor of Medicine (primary appointment)
MD Universidad Autonoma de Madrid 2009

Philip E Cryer, MD
Professor Emeritus of Medicine (primary appointment)
Adjunct Professor of Medicine
BA Northwestern University 1962
MD Northwestern University Med 1965

Phillip S. Cuculich, MD
Associate Professor of Medicine (primary appointment)
MD Vanderbilt University 2001

Robert Culverhouse, MA, PHD
Associate Professor of Medicine (primary appointment)
Associate Professor of Biostatistics
MA University of CA Berkeley 1987
PHD Washington Univ in St. Louis 1998
BA Vanderbilt University 1983

Lenise Andrea Cummings-Vaughn, MD, MS
Assistant Professor of Medicine (primary appointment)
BS Williams College 1995
MD Saint Louis University 2005
MS San Francisco St University 1998

Robert B Cusworth, MD
Instructor in Clinical Medicine (primary appointment)
MD University of Rochester 1974

Ann Marie Dale, PHD
Associate Professor of Medicine (primary appointment)
Associate Professor of Occupational Therapy
BS University of MO Columbia 1983

PHD Saint Louis University 2009

William H Danforth, MD
Professor of Medicine (primary appointment)
Vice Chairman and Chancellor Emeritus
BA Princeton University 1947
MD Harvard University 1951

Ha Xuan Dang, PHD
Instructor in Medicine (primary appointment)
BS HANOI U OF SCIENCE AND TECH 2003
PHD Virginia Tech 2014

Erik D. Daniels, MD
Instructor in Clinical Medicine (primary appointment)
MD Howard University 1989
BS Howard University 1985

John S Daniels, MD, MA
Associate Professor of Clinical Medicine (primary appointment)
BA Washington Univ in St. Louis 1970
MD University of Arkansas 1974
MA University of Arkansas 1974

Peter G Danis
Instructor in Clinical Medicine (primary appointment)

Rand E Dankner, MD
Associate Professor of Clinical Medicine (primary appointment)
MD Baylor University 1978
BA University of Pennsylvania 1974

Maria Cristina Dans, MD
Assistant Professor of Medicine (primary appointment)
MD Washington Univ in St. Louis 1999
BA Princeton University 1989

Bhajan Shewaldas Dara, MD
Instructor in Clinical Medicine (primary appointment)
MD Sindh Medical College 1987

Lakshman Darsi, MBBS
Assistant Professor of Medicine (primary appointment)
MBBS Guntur Medical College 1985

Sundeep Das, MD
Instructor in Clinical Medicine (primary appointment)
MD University College of Med Sci 1986

Koushik Kumar Das, MD
Assistant Professor of Medicine (primary appointment)
MD Columbia University 2016

Debadutta Dash, MD, MA
Instructor in Emergency Medicine in Medicine (primary appointment)
MD Baylor College of Medicine 2013
BA University of Texas Austin 2008
MA Harvard University 2018

Carlos Colton Daughaday, MD
Professor of Medicine (primary appointment)
Nicholas O Davidson, MBBS
Professor of Medicine (primary appointment)
Professor of Developmental Biology
MBBS King's College London 1974

John D Davidson, MD
Professor of Clinical Medicine (primary appointment)
BA Washington Univ in St. Louis 1948
MD Washington Univ in St. Louis 1952

Victor G Davila-Roman, MD
Professor of Medicine (primary appointment)
Professor of Anesthesiology
Professor of Radiology
BS University of Puerto Rico 1977
MD University of Puerto Rico 1981

Andrea Jill Davis, MSN, MD
Instructor in Clinical Medicine (primary appointment)
MSN Arizona State University 2000
MD St George's University 2004
BS Randolph Macon College 1997

Thomas Edward Davis
Instructor in Clinical Medicine (primary appointment)

James Alvin Davis, MD
Assistant Professor of Medicine (primary appointment)
MD University of Kentucky 1999
BS Morehead St University 1994

Caroline Elizabeth Day, MD, M PH
Instructor in Clinical Medicine (primary appointment)
MD Washington Univ in St. Louis 1995
M PH San Diego St University 2005
BS University of Colorado Boulder 1990

Lisa De Las Fuentes, MD
Associate Professor of Medicine (primary appointment)
Associate Professor of Biostatistics
MD University of Texas Southwestern 1996
BA Stanford University 1991

Anne V Dean, MD
Instructor in Clinical Medicine (primary appointment)
MD Loyola University 1995
BA Bowdoin College 1986

Parakkal Deepak, MBBS
Assistant Professor of Medicine (primary appointment)
MBBS Jawaharlal Institute of PostGR 2004

Angeline Diane DeSantis, MD
Assistant Professor of Medicine (primary appointment)
BS University of MO Columbia 1998
MD University of MO Columbia 2003

Jennifer A. Delaney, MD
Instructor in Clinical Medicine (primary appointment)
BA Georgetown University 1992
MD Washington Univ in St. Louis 1997

Rowena Bayudan Delos Santos, MD
Assistant Professor of Medicine (primary appointment)
BS Creighton University 2000
MD Creighton University 2004

Bethany L Dement, MD
Instructor in Medicine (primary appointment)
MD Southeast Missouri St Universities 2001

David G. DeNardo, PHD
Associate Professor of Medicine (primary appointment)
Associate Professor of Pathology and Immunology
PHD Baylor University 2005
BS Willamette University 1999

Amber Zimmer Detolola, MD
Assistant Professor of Medicine (primary appointment)
BS Miami University 2008
MD University of Louisville 2012

Sunny Desai, UNKNOWN, MS
Instructor in Clinical Medicine (primary appointment)
UNKNOWN School Not Listed 1991
MS School Not Listed 1991

Teresa Deshields, PHD, MS
Associate Professor of Clinical Medicine (primary appointment)
Associate Professor of Clinical Psychiatry
BA Meredith College 1981
PHD University of Georgia 1985
MS University of Georgia 1983

Vladimir Novak Despotovic, MD
Assistant Professor of Medicine (primary appointment)
BS Michigan State University 2000
MD Michigan State University 2004

Siddhartha HK Devarakonda, MD
Assistant Professor of Medicine (primary appointment)
MD Indira Gandhi Medical College 2009

Michael D DeVita, MD
Assistant Professor of Medicine (primary appointment)
MD University of Wisconsin 2011
BS University of Wisconsin 2006

Michael Diamond, PHD, MD
Professor of Medicine (primary appointment)
Herbert S Gasser Professor
Professor of Molecular Microbiology
Professor of Pathology and Immunology
PHD Harvard University 1992
BA Columbia College 1985
MD Harvard University 1994

Judith A Dibble, MD
Instructor in Clinical Medicine (primary appointment)
MD Washington Univ in St. Louis 1986

Brian K Dieckgraefe, MD, PHD
Associate Professor of Medicine (primary appointment)
BA University of Kansas 1982
MD Washington Univ in St. Louis 1988
PHD Washington Univ in St. Louis 1987

Kathryn M Diemer, MD
Professor of Medicine (primary appointment)
Assistant Dean for Career Counseling
BA University of Missouri 1984
MD University of Missouri 1985

Li Ding, PHD
Associate Professor of Medicine (primary appointment)
Associate Professor of Genetics
PHD University of Utah 1998

John F Dipersio, PHD, MD
Virginia E and Sam J Golman Professor of Medicine (primary appointment)
Professor of Pathology and Immunology
Professor of Pediatrics
BA Williams College 1973
PHD University of Rochester 1980
MD University of Rochester 1980

Richard M Divalerio, MD
Instructor in Clinical Medicine (primary appointment)
MD Washington Univ in St. Louis 1988
BS University of Notre Dame 1984

Abhinav Diwan, MD
Associate Professor of Medicine (primary appointment)
Associate Professor of Cell Biology and Physiology
MD All-India Inst of Medical Sci 1997

Martin A Docherty, MD
Assistant Professor of Emergency Medicine in Medicine (primary appointment)
BS Edinburgh University 1978
MD Saint Louis University 1983

Irl Joseph Don, MD
Associate Professor of Clinical Medicine (primary appointment)
BA Washington Univ in St. Louis 1969
MD Washington Univ in St. Louis 1972

James W Donnelly, MD
Instructor in Clinical Medicine (Dermatology) (primary appointment)
MD Washington Univ in St. Louis 1986
BA Northwestern University 1982

Balraj Doray, PHD
Assistant Professor of Medicine (primary appointment)
BS Southern Illinois University 1993

PHD University of Illinois 1999

Gerald W. Dorn II, MD
Philip and Sima K Needleman Professor of Medicine (primary appointment)
MD Medical University of Sth Car 1981

William H Dribben, MD
Assistant Professor of Emergency Medicine in Medicine (primary appointment)
BA University of North Carolina 1985
MD University of North Carolina 1990

Erik R Dubberke, MD, MPH
Professor of Medicine (primary appointment)
BA Augustana University College 1995
MD University of Illinois 1999
MPH Saint Louis University 2008

James Matthew DuBois, D SC, MA, PHD
Steven J Bander Professor of Medical Ethics and Professionalism (primary appointment)
Professor of Psychological & Brain Sciences
BA Franciscan University Stubenv 1989
D SC University of Vienna 1997
MA University of Rhode Island 1990
PHD Intrnl Academy of Philosophy 1992

Nicole Marie Ducharme, DOST
Instructor in Clinical Medicine (primary appointment)
DOST Univ of Health Sciences KC 2003
BS Muhlenberg College 1998

Carolyn Dufault, PHD
Instructor in Medicine (primary appointment)
Assistant Dean for Education and Technology
PHD Washington Univ in St. Louis 2009
BS Mount Holyoke College 1997

Maria C Dumadag-Sabio, MD
Instructor in Clinical Medicine (primary appointment)
BS Mount Holyoke College 1997

Edward Harry DuMontier
Instructor in Clinical Medicine (primary appointment)

William C Dunagan, MS, MD
Professor of Medicine (primary appointment)
MS University of Texas Austin 1980
BS University of Texas Austin 1978
MD Washington Univ in St. Louis 1983

Kirsten F Dunn, MD
Assistant Professor of Medicine (primary appointment)
BS Harvard University 2007
MD Saint Louis University 2012

Julia Passyn Dunn, MS, MD
Assistant Professor of Medicine (primary appointment)
Linda G Eissenberg, PHD  
Assistant Professor of Medicine (primary appointment)  
BA University of Tennessee 1977  
PHD University of North Carolina 1982

Lamice R. El-Kholy, MS, UNKNOWN  
Instructor in Clinical Medicine (primary appointment)  
MS School Not Listed 1986  
UNKNOWN School Not Listed 1982

John Ellena, MD  
Associate Professor of Clinical Medicine (primary appointment)  
MD Southern Illinois University 1983  
BS Southern Illinois University 1980

Charlene Ann Ellsworth, MD, PHD  
Instructor in Clinical Medicine (primary appointment)  
MD Washington Univ in St. Louis 2008  
PHD Mass Inst of Technology (MIT) 2004

Amged Eltahir, MD, AB1  
Instructor in Clinical Medicine (primary appointment)  
MD University of Khartoum 1985  
AB1 Saint Louis University 2006

Michelle Lynn Elvington, PHD  
Instructor in Medicine (primary appointment)  
BS Columbia College 2005  
PHD University of South Carolina 2011

Jill Elizabeth Elwing, MD  
Assistant Professor of Medicine (primary appointment)  
BS University of MO Columbia 1996  
MD University of MO Columbia 2000

James Michael Epstein, MD  
Instructor in Clinical Medicine (primary appointment)  
BS University of Notre Dame 1965  
MD Washington Univ in St. Louis 1969

Gerome V Escota, MD  
Assistant Professor of Medicine (primary appointment)  
MD University of the Philippines 2004  
BS University of the Philippines 1999

Amir Esmaeeli, MD  
Instructor in Medicine (primary appointment)  
MD Washington Univ in St. Louis 2015

Neil A Ettinger, MD  
Assistant Professor of Clinical Medicine (primary appointment)  
MD Washington Univ in St. Louis 1983  
BS Vanderbilt University 1979

Bradley A Evanoff, MD, M PH  
Richard A and Elizabeth Henby Sutter Professor of Occupational, Industrial, and Environmental Medicine in Medicine (primary appointment)  
Assistant Dean for Clinical and Translational Research  
Professor of Occupational Therapy
BA Cornell University 1982
MD Washington Univ in St. Louis 1986
M PH University of Washington 1993
Carol Jane Evers, MD
Instructor in Clinical Medicine (primary appointment)
BA Brown University 1973
MD Brown University 1977
Gregory A Ewald, MD
Professor of Medicine (primary appointment)
MD Northwestern University 1989
BS University of Illinois 1985

Elisa Fabbrini, MD, PHD
Adjunct Assistant Professor of Medicine (primary appointment)
MD La Sapienza University 1998
PHD La Sapienza University 2006

Mitch N Faddis, MD, PHD
Professor of Medicine (primary appointment)
MD Washington Univ in St. Louis 1993
BS Kansas State University 1985
PHD Washington Univ in St. Louis 1993

Akinrinola Fatoki, MS
Instructor in Clinical Medicine (primary appointment)
BS School Not Listed 1982
MS School Not Listed 1989

Carol Faulk, MD
Instructor in Medicine (primary appointment)
MD Louisiana St University 2014

Todd A Fehniger, MD, PHD
Associate Professor of Medicine (primary appointment)
MD Ohio State University 2002
BS State Univ of NY Buffalo 1994
PHD Ohio State University 2000

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MD University of Parma 2004
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MD University of Arkansas 1975
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BS Southeast Missouri St Univers 2006

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Instructor in Medicine (primary appointment)
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PHD University of Illinois 2000
MS University of Illinois 1996
BS University of Illinois 1994

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MD Washington Univ in St. Louis 1974
BA University of Rochester 1970

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Professor of Medicine (primary appointment)
MS Free University of Berlin 1991
PHD University of Hamburg 1996

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BA School Not Listed 1970
MD School Not Listed 1974

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BS Georgetown University 1989
MD Saint Louis University 1995

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Professor of Medicine (primary appointment)
BA Cornell University 1981
MD Saint Louis University 1985

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MD University of Pittsburgh 2007

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MD Northwestern University 2008

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PHD University of Padova 2004
MD University of Verona 1994

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PHD University North Carolina 2010
BA University of Iowa 1997
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MD University of MO Columbia 1984

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MSN Saint Louis University 2004  	BN Webster University 2003  	PHD University of MO St Louis 2013

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Head of the Department of Internal Medicine  
MD University of MO Columbia 1983  	BS William Woods College 1978

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BS Truman State University 1998  	MD University of MO Columbia 2002

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BA Washington Univ in St. Louis 1984  	MD Washington Univ in St. Louis 1993

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Assistant Professor of Medicine (primary appointment)  
MD University of AR Med Sciences 2008  	BS Christian Brothers University 2004

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BS University of Kansas 2010  	MD University of Chicago 2015

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MD University of Cincinnati 2002

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BA Brigham Young University 1990  	MD University of Utah 1994

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BA University of Alabama 1998  	MD University of Alabama 2003

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MD University of Missouri 1986
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MD University of AR Med Sciences 2011
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BS University of Illinois 1999
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BS Univ of Wisconsin Madison 1994
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BS Univ of Wisconsin Madison 1993
MD University of Minnesota 1998
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Instructor in Clinical Medicine (primary appointment)  
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MD Washington Univ in St. Louis 2000  

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MD Universidad Nacional de Columb 2007  

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BS Princeton University 2002  
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MD Freie University 1994  
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Instructor in Medicine (primary appointment)  
MD University of South Alabama 2016  

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Assistant Professor of Medicine (Pending Executive Faculty Approval) (primary appointment)  
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Instructor in Clinical Medicine (primary appointment)  
MD University of Massachusetts 1984  

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MA Washington Univ in St. Louis 1970  
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MD University of Utah 1978  

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BS Washington Univ in St. Louis 2001  

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MD Washington Univ in St. Louis 1992  

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BS Univ of Wisconsin Madison 1994  

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Instructor in Clinical Medicine (primary appointment)  
MD University of Kansas 1976  
BA University of Kansas 1972  

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Assistant Professor of Emergency Medicine in Medicine (primary appointment)  
MD Saint Louis University 2000  

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Selma and Herman Seldin Professor of Medicine (primary appointment)  
Professor of Cell Biology and Physiology  
MD Northwestern University 1975  
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Instructor in Clinical Medicine (primary appointment)  

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Assistant Professor Emeritus of Clinical Medicine (Dermatology) (primary appointment)  
MD Saint Louis University 1968  
BA Dartmouth College 1964  

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Instructor in Clinical Medicine (primary appointment)  
BA Clark University 1975  
MD Washington Univ in St. Louis 1982  

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Associate Professor of Medicine (Dermatology) (primary appointment)  
MD University of MO Kansas City 1986  
BA University of MO Kansas City 1985  
PHD University of Florida 1993  

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PHD Northeastern University 2008

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BS Nanjing University 1999
MS Edinburgh University 2000
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PHD Harvard University 1978
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BS Mass Inst of Technology (MIT) 1971

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MD University of Cincinnati 2007
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Professor of Medicine (primary appointment)
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BS School Not Listed 1970
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Instructor in Medicine (primary appointment)
MD Israel Institute of Technology 2012
BA Indiana University 2008
Mary Kiehl, AS, MD
Assistant Professor of Clinical Medicine (primary appointment)
AS Long Beach City College 1976
BA University of California 1985
MD University of California 1990
Kenneth Richard Kilian, MD
Instructor in Clinical Medicine (primary appointment)
BS Saint Louis University 1980
MD Saint Louis University 1984
Charles John Kilo, MD
Instructor in Clinical Medicine (primary appointment)
MD Washington Univ in St. Louis 1991
BA University of Kansas 1987
Albert J Kim, MD
Assistant Professor of Medicine (primary appointment)
Assistant Professor of Pathology and Immunology
BA University of Pennsylvania 1996
PHD Drexel University 2005
MD Drexel University 2005
Sun-Joong Kim, PHD
Instructor in Medicine (primary appointment)
PHD Korea University 2012
BS Hannam University 2004
Miriam Yunhee Kim, MD
Instructor in Medicine (primary appointment)
BS Yonsei University 2004
MD Seoul National University 2008
Helen Young Kim-James, MD
Instructor in Clinical Medicine (Dermatology) (primary appointment)
MD Washington Univ in St. Louis 2001
BA Southern Methodist University 1997
Rosa Anne Kincaid, MD
Instructor in Clinical Medicine (primary appointment)
BA City College 1970
MD Temple University 1984

Donald Kevin King, MD
Assistant Professor of Clinical Medicine (primary appointment)
MD Johns Hopkins University Med ’70
BA Fairleigh University 1966

Tinna P King
Instructor in Clinical Medicine (primary appointment)
BA University of Missouri 1988

Kevin Patrick King, MD
Instructor in Clinical Medicine (primary appointment)
MD Saint Louis University 2006

Erik Paul Kirk, MS, PhD
Adjunct Assistant Professor of Medicine (primary appointment)
MS University of Kansas 2001
BS Drury College 1999
PHD University of Kansas 2004

Nigar Kirmani, MD
Professor of Medicine (primary appointment)
MD King Edward Medical College 1973

Sameer M. Kirtane, MD
Instructor in Clinical Medicine (primary appointment)
MD Jefferson Medical College 2008

Michael K Klebert, MSN, BN, PHD
Instructor in Medicine (primary appointment)
BA Southern Illinois University 1979
MS University of Texas Austin 1987
BN Southern Illinois University 1981
PHD University of MO St Louis 2008

Robert E Kleiger, MD
Professor of Medicine (primary appointment)
MD Harvard University 1960
BA Yale University 1956

Samuel Klein, MS, MD
Danforth Professor of Medicine (primary appointment)
Professor of Cell Biology and Immunology
MS Mass Inst of Technology (MIT) 1984
BA Brandeis University 1974
MD Temple University 1979

Robyn Sue Klein, MD, MS, PHD
Professor of Medicine (primary appointment)
Professor of Neuroscience
Professor of Pathology and Immunology
Vice Provost and Assoc Dean of Graduate Medical Education
MD Albert Einstein College of Med 1993
MS Albert Einstein College of Med 1990
BA Barnard College 1985
PHD Albert Einstein College of Med 1993

Linda Marie Klutho, MD
Instructor in Clinical Medicine (primary appointment)

MD University of Missouri 1984
BA Washington Univ in St. Louis 1980

Paula J Knapp-Baker
Instructor in Clinical Medicine (primary appointment)

Eric Knoche, MD
Assistant Professor of Medicine (primary appointment)
BS Davidson College 2001
MD Washington Univ in St. Louis 2006

Kathryn Knoop, PHD
Instructor in Medicine (primary appointment)
BS Drake University 2006
PHD Emory University 2011

Carolyn Koenig, MD
Instructor in Clinical Medicine (primary appointment)
MD Saint Louis University 2002

Adam C Koertner
Instructor in Clinical Emergency Medicine in Medicine (primary appointment)

Nita Kohli, M PH, MD
Assistant Professor of Medicine (Dermatology) (Pending Executive Faculty Approval) (primary appointment)
BS University of New Orleans 2000
M PH Louisiana St University 2004
BA University of New Orleans 2000
MD Louisiana St University 2004

Ismail Kola, UNKNOWN, PHD
Adjunct Professor of Medicine (primary appointment)
UNKNOWN Rhodes College 1982
BS Rhodes College 1982
PHD School Not Listed 1985

Marin H Kollef, MD
Professor of Medicine (primary appointment)
BS US Military Academy 1979
MD University of Rochester 1983

Hermann M Koller, MD
Instructor in Medicine (primary appointment)
BS Stanford University 1974
MD Washington Univ in St. Louis 1978

Sri Devi Kolli, MBBS
Instructor in Clinical Medicine (primary appointment)
MBBS Guntur Medical College 1989

Mary E. Koly, MD
Instructor in Clinical Medicine (primary appointment)
BA University of MO Kansas City 1995
MD University of MO Kansas City 1995

Kevin L Konzen, MD
Assistant Professor of Clinical Medicine (primary appointment)
BA University of Notre Dame 1980
MD University of Illinois 1984
Robert G Kopitsky, MD  
Assistant Professor of Clinical Medicine (primary appointment)  
BS Emory University 1978  
MD Duke University 1982  

Kevin Marc Korenblat, MD  
Professor of Medicine (primary appointment)  
MD Washington Univ in St. Louis 1996  

Phillip E Korenblat, MD  
Professor of Clinical Medicine (primary appointment)  
MD University of Arkansas 1960  
BA University of Arkansas 1957  

Stuart A Kornfeld, MD  
David C and Betty Farrell Professor of Medicine (primary appointment)  
Professor of Biochemistry and Molecular Biophysics  
BA Dartmouth College 1958  
MD Washington Univ in St. Louis 1962  

Alex H Kosloff, MD  
Instructor in Clinical Medicine (primary appointment)  
MD Saint Louis University 1980  
BS Washington Univ in St. Louis 1975  

Sandor J Kovacs, MD, PHD, MS  
Professor of Medicine (primary appointment)  
Adjunct Professor of Physics  
Professor of Biomedical Engineering  
Professor of Cell Biology and Physiology  
MD University of Miami 1979  
BS Cornell University 1969  
PHD California Institute Technolo 1977  
MS California Institute Technolo 1972  

Attila Kovacs, MD  
Associate Professor of Medicine (primary appointment)  
BS School Not Listed 1981  
MD Semmelweis University of Med 1985  

Aldi T Kraja, PHD, PHD1  
Associate Professor of Medicine (Pending Executive Faculty Approval) (primary appointment)  
PHD University of Tirana 1993  
PHD1 University of Illinois 1999  

Mark S Krasnoff, MD  
Instructor in Clinical Medicine (primary appointment)  
MD Johns Hopkins University Medcic 1991  
BA Amherst College 1987  

Melissa Renae Kroll, MD  
Instructor in Emergency Medicine in Medicine (Pending Dean's Approval) (primary appointment)  
BA Dordt College 2009  
MD University of Iowa 2013  

Ronald J Krone, MD  
Professor of Medicine (primary appointment)  

John E Simon Scholar in Medicine  
BS University of Michigan 1962  
MD University of Chicago 1966  

Elaine Susan Krul, PHD  
Adjunct Associate Professor of Medicine (primary appointment)  
PHD McGill University 1982  
BS McGill University 1977  

Thomas Kuciejczyz-Kernan, MD  
Instructor in Clinical Medicine (primary appointment)  
BS University of Illinois 1982  
MD Saint Louis University 1986  

Ralph F Kuhlman, MD  
Assistant Professor of Medicine (primary appointment)  
MD Emory University 2002  
BS Emory University 1998  

Anthony Kulczycki Jr, MD  
Associate Professor of Medicine (primary appointment)  
Associate Professor of Molecular Microbiology  
BA Princeton University 1966  
MD Harvard University 1970  

Hrishikesh Satish Kulkarni, MBBS  
Instructor in Medicine (Pending Dean's Approval) (primary appointment)  
MBBS Seth G.S. Medical College 2009  

Robin A. Kundra, MD, BS1, PHD  
Instructor in Clinical Medicine (primary appointment)  
BS University of Georgia 1992  
MD Washington Univ in St. Louis 2000  
BS1 University of Georgia 1992  
PHD Washington Univ in St. Louis 2000  

David I. Kuperman, MD  
Instructor in Clinical Medicine (primary appointment)  
MD University of Arkansas 2001  
BA Hendrix College 1997  

Howard I. Kurz, MEE, BS1, MD  
Professor of Medicine (primary appointment)  
BS Mass Inst of Technology (MIT) 1979  
MEE Princeton University 1980  
BS1 Mass Inst of Technology (MIT) 1979  
MD New York Medical College 1984  

Vladimir Kushnir, MD  
Associate Professor of Medicine (primary appointment)  
BS University of Utah 2002  
MD Ohio State University 2006  

Jennie H Kwon, DOST  
Assistant Professor of Medicine (primary appointment)
DOST Chicago Coll of OsteopathicMed 2009  
BS Univ of IL -Urbana-Champaign 2005  
BA Univ of IL -Urbana-Champaign 2005  

George B Kyei, MD, PHD, MS  
Assistant Professor of Medicine (primary appointment)  
MD University of Ghana Medical Sc 1998  
PHD University of New Mexico 2007  
MS University of Ghana Medical Sc 2003  

Albert Max Lai, MS, PHD, M PHIL, MA  
Associate Professor of Medicine (primary appointment)  
MS Columbia University 2001  
PHD Columbia University 2007  
M PHIL Columbia University 2005  
BS Columbia University 2000  
MA Columbia University 2004  
Roop Lal, MS  
Instructor in Clinical Medicine (primary appointment)  
MS Osmania Medical College 1971  

Michael A. Lane, MS, MD  
Assistant Professor of Medicine (primary appointment)  
MS John Hopkins University 2000  
MD Drexel University 2004  
BA Colgate University 1995  

Gabriel David Lang, MD  
Assistant Professor of Medicine (primary appointment)  
MD University of Illinois Chicago 2009  
BA Northwestern University 2004  

Gregory Mark Lanza, PHD, MS, MD  
Oliver M Langenbank Distinguished Professor of Science and Practice of Medicine (primary appointment)  
James R Hornsb Family Professor in Biomedical Sciences  
Professor of Biomedical Engineering  
PHD University of Georgia 1981  
MS University of Georgia 1978  
BA Colby College 1975  
MD Northwestern University 1992  

Gina N LaRossa, MD  
Assistant Professor of Medicine (primary appointment)  
BS Yale University 2001  
MD Yale University 2007  

Shane Joseph LaRue, MD  
Assistant Professor of Medicine (primary appointment)  
MD Medical College of Wisconsin 2005  

John M Lasala, PhD, MD  
Professor of Medicine (primary appointment)  
Professor of Surgery (Cardiothoracic Surgery)  
BA Drew University 1975  
PHD Saint Louis University 1979  

MD University of Connecticut 1983  

Steven A Lauter, MD  
Associate Professor of Medicine (primary appointment)  
MD Wayne State University 1971  
BS Wayne State University 1967  

Kory J. Lavine, PHD, MD  
Assistant Professor of Medicine (primary appointment)  
Assistant Professor of Developmental Biology  
PHD Washington Univ in St. Louis 2008  
BS University of Rochester 2001  
MD Washington Univ in St. Louis 2008  

Steven Jay Lavine, MD  
Professor of Medicine (primary appointment)  
MD Temple University 1976  
BA Temple University 1972  

Steven J Lawrence, MS, MD  
Associate Professor of Medicine (primary appointment)  
MS University of London 2004  
BS Rose Hulman Institute 1992  
MD Washington Univ in St. Louis 1997  

Kim Lynette Lee, MD  
Instructor in Clinical Medicine (primary appointment)  
MD Saint Louis University 1983  
BS Washington Univ in St. Louis 1979  

Eileen May Lee, MD  
Assistant Professor of Medicine (primary appointment)  
MD University of Iowa 2006  
BA University of Iowa 2002  

Caroline Martz Lee, MD, PHD  
Instructor in Medicine (primary appointment)  
MD University of North Carolina 2011  
BS Knox College 2003  
PHD University of North Carolina 2009  

Robert B Lehman, MD  
Instructor in Clinical Medicine (primary appointment)  
MD Texas Tech University 1982  
BA Texas Tech University 1977  

Daniel John Lenihan, BA1, MD  
Professor of Medicine (primary appointment)  
BA University of Tennessee 1984  
BA1 University of Tennessee 1984  
MD University of Tenn Memphis 1988  

Deborah J. Lenschow, MD1, PHD, PHD1, MD  
Associate Professor of Medicine (primary appointment)  
Associate Professor of Pathology and Immunology  
MD1 University of Chicago 1998  
PHD University of Chicago 1995  
PHD1 University of Chicago 1995  
BA Wittenberg University 1990
MD University of Chicago 1998

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Professor of Medicine (primary appointment)
MD Columbia University 1981
BS Mass Inst of Technology (MIT) 1977

Mark D Levine, MD
Associate Professor of Emergency Medicine in Medicine
(primary appointment)
MD New York University 1996
BA Washington Univ in St. Louis 1991

Lawrence M Lewis, MD, AA
Professor of Emergency Medicine in Medicine (primary appointment)
MD University of Miami 1976
AA University of Florida 1972

Timothy J Ley, MD
Lewis T and Rosalind B Apple Professor of Medicine (primary appointment)
Professor of Genetics
MD Washington Univ in St. Louis 1978
BA Drake University 1974

Tingting Li, MD
Associate Professor of Medicine (primary appointment)
MD State Univ of NY Buffalo 1999

Shunqiang Li, PHD
Assistant Professor of Medicine (primary appointment)
PHD Chinese Academy of Med Science 1999

Li Li, PHD, MD
Instructor in Clinical Medicine (primary appointment)
PHD Loyola University Chicago 1998
MD Shanghai Medical University 1988

Min Lian, M PH, MD, PHD
Assistant Professor of Medicine (primary appointment)
M PH Fudan University 1999
MD Southeast U Medical School 1995
PHD Texas Tech University 2006

Stephen Yuan-Tung Liang, BA1, MD
Assistant Professor of Medicine (primary appointment)
BA1 Cornell University 1998
BA Cornell University 1998
MD University of Maryland 2004

Charles H Lieu, MD
Instructor in Clinical Medicine (primary appointment)
MD State Univ of NY Buffalo 1993

Stephen Bradley Lilard, MD
Instructor in Clinical Medicine (primary appointment)
MD Univ of Health Sciences KC 1970

Kian-Huat Lim, MD, PHD
Assistant Professor of Medicine (primary appointment)

MD National Taiwan University 1999
PHD Duke University 2006

Michael Yun Lin, MD
Associate Professor of Medicine (primary appointment)
BA Harvard University 1990
MD University of Iowa 1994

Elizabeth Laura Lin, MD
Instructor in Medicine (primary appointment)
MD University of CA Irvine 2011
BS University of CA Davis 2007

Kathryn Jesseca Lindley, MD
Assistant Professor of Medicine (primary appointment)
MD Emory University 2007
BS University of Illinois 2003

Brian Richard Lindman, MA, MD
Adjunct Associate Professor of Medicine (primary appointment)
MA Reformed Theological Seminary 2001
MD Vanderbilt University 2003
BA Duke University 1997

Daniel C Link, MD
Alan A and Edith L Wolff Distinguished Professor of Medicine (primary appointment)
Professor of Pathology and Immunology
BS Univ of Wisconsin Milwaukee 1981
MD Univ of Wisconsin Milwaukee 1985

Michael Brayer Lippmann, MD
Professor of Medicine (primary appointment)
BA State University of New York 1973
MD State University of New York 1977

Mauricio Lisker-Melman, MD
Professor of Medicine (primary appointment)
MD National Autonomous U of Mex 1980

David B Liss
Assistant Professor of Emergency Medicine in Medicine
(Pending Executive Faculty Approval) (primary appointment)

Mary Kathryn Liszewski
Assistant Professor of Medicine (primary appointment)
BA University of MO St Louis 1971

Patricia Elizabeth Litkowski, MD
Instructor in Medicine (primary appointment)
MD Washington Univ in St. Louis 2013

Adam Daniel Littich, MD
Assistant Professor of Medicine (primary appointment)
MD Saint Louis University 2009

Marina Litvin, MD
Assistant Professor of Medicine (primary appointment)
BA Washington Univ in St. Louis 2003
MD University of MO Columbia 2008

Jianmei Liu, MD, MS
Instructor in Clinical Medicine (primary appointment)
MD Shanghai Medical University 1984
MS Shanghai Medical University 1987

Xinping Liu, PhD, MS
Instructor in Medicine (primary appointment)
PHD Washington Univ in St. Louis 2005
MS Southeast Missouri St Univers 1999
BS School Not Listed 1986

Lin Liu, BAS, PhD, A
Instructor in Medicine (primary appointment)
BAS Huazhong University of Science 2005
PHD Huazhong University of Science 2011
A University of Texas Southwest 2015

Adam Edward Locke, PHD
Assistant Professor of Medicine (primary appointment)
BA Lawrence University 2003
PHD Emory University 2010

Irfan J Lodhi, MS, PHD
Assistant Professor of Medicine (primary appointment)
BS University of Michigan 1993
MS Wayne State University 1996
PHD University of Michigan 2007

Beverly A Logan-Morrison, MD
Instructor in Clinical Medicine (primary appointment)
BA Webster University 1976
MD Washington Univ in St. Louis 1982

Andrea Loiselle, M PH, MD
Assistant Professor of Medicine (primary appointment)
M PH California State University 1999
MD Drexel University 2005
BS University of California 1995

Gregory D Longmore, MD, MS
Professor of Medicine (primary appointment)
Professor of Cell Biology and Physiology
MD McGill University 1983
BS University of Western Ontario 1977
MS University of Toronto 1979

Dwight C Look, MD
Professor of Medicine (primary appointment)
BA University of MO Kansas City 1985
MD University of MO Kansas City 1985

James F Loomis Jr, MD, MBA
Instructor in Clinical Medicine (primary appointment)
MD University of Arkansas 1985
BA Hendrix College 1981
MBA Washington Univ in St. Louis 1997

Herbert Lubowitz, MD
Associate Professor of Clinical Medicine (primary appointment)
BA Clark University 1954

MD Washington Univ in St. Louis 1958

Philip A Ludbrook, MBBS
Professor Emeritus of Medicine (primary appointment)
Professor Emeritus of Psychiatry
BS School Not Listed 1957
MBBS University of Adelaide 1963

Kenneth M Ludmerer, MA, MD
Professor of Medicine (primary appointment)
Mabel Dorn-Reeder Distinguished Professor of the History of Medicine
BA Harvard University 1968
MA Johns Hopkins University 1971
MD Johns Hopkins University 1973

Lauren Michelle Ludwig Lee, MD
Instructor in Clinical Medicine (primary appointment)
MD University of MO Kansas City 2008

Susan L Luedke, MD
Instructor in Clinical Medicine (primary appointment)
MD University of Rochester 1972

Barbara A Lutey, MLS, MD
Assistant Professor of Medicine (primary appointment)
MLS Indiana University Bloomington 1983
MD University of Iowa 1999
BA Indiana University Bloomington 1982

John P Lynch, MD
Professor of Medicine (primary appointment)
MD Georgetown University 1989
BA Saint Louis University 1983

Christopher Raymond Lynch
Instructor in Clinical Medicine (primary appointment)

Alan P Lyss, MD
Associate Professor of Clinical Medicine (primary appointment)
MD Washington Univ in St. Louis 1976
BA Washington Univ in St. Louis 1972

Carl A Lyss, MD
Assistant Professor of Clinical Medicine (primary appointment)
MD Washington Univ in St. Louis 1956
BA Washington Univ in St. Louis 1952
BS Washington Univ in St. Louis 1952

M

Liang Ma, PHD
Associate Professor of Medicine (Dermatology) (primary appointment)
Associate Professor of Developmental Biology
PHD University of CA Los Angeles 1995
BA University of CA Berkeley 1989

Cynthia Xiuguang Ma, MD, PHD
Professor of Medicine (primary appointment)
MD Beijing Medical University 1990
Ningning Ma, MD  
Instructor in Medicine (primary appointment)  
BA Washington Univ in St. Louis 2009  
MD Case Western Reserve Univ 2013  

Jimmy Ma  
Instructor in Medicine (primary appointment)  

Hongming Ma, PHD, MS  
Instructor in Medicine (primary appointment)  
BA Qufu Normal University 1993  
PHD Ocean University of China, Qin 2004  
MS Fudan University 1996  

Julie Kathleen MacPhee, MD  
Instructor in Clinical Medicine (primary appointment)  
BS Trinity College 2003  
MD Albert Einstein College of Med 2008  

Thomas M Maddox, MD, MS  
Professor of Medicine (primary appointment)  
BA Rice University 1993  
MD Emory University 1999  
MS Harvard University 2007  

Blair B Madison, PHD  
Assistant Professor of Medicine (primary appointment)  
BS Washington Univ in St. Louis 1998  
PHD University of Michigan 2005  

William Edwin Magee, MD  
Associate Professor of Clinical Medicine (primary appointment)  
MD Duke University 1950  

Leonard B Maggi Jr, BA1, PHD  
Assistant Professor of Medicine (primary appointment)  
BA1 Cornell College 1995  
PHD Saint Louis University 2001  
BA Cornell College 1995  

Jambunathan Mahadevan  
Instructor in Clinical Medicine (primary appointment)  

Christopher A Maher, PHD  
Associate Professor of Medicine (primary appointment)  
Assistant Director of The Genome Institute  
PHD Stony Brook School of Medicine 2006  

Nicole Maher, PHD  
Assistant Professor of Medicine (primary appointment)  
BA Ithaca College 1998  
PHD Case Western Reserve Univ 2007  

Mohamed Mahjoub, PHD  
Assistant Professor of Medicine (primary appointment)  
Assistant Professor of Cell Biology and Physiology  
BS Simon Fraser University 2002  
PHD Simon Fraser University 2007  

Robert John Mahoney, MD  

Associate Professor of Medicine (primary appointment)  
MD Washington Univ in St. Louis 1997  
BA Princeton University 1993  

Elaine Michelle Majerus, PHD, MD  
Professor of Medicine (primary appointment)  
Professor of Cell Biology and Physiology  
BA Washington Univ in St. Louis 1986  
BS Washington Univ in St. Louis 1986  
PHD Washington Univ in St. Louis 1994  
MD Saint Louis University 1998  

Majesh Makan, MD  
Professor of Medicine (primary appointment)  
MD Univ of Panama School of Med 1984  

Mohsin Ilyas Malik, MBBS  
Instructor in Clinical Medicine (primary appointment)  
MBBS Army Medical College 1999  

Andrew F. Malone, MBCHB1  
Assistant Professor of Medicine (primary appointment)  
MBCHB1 Royal College of Surgeons 2005  
BA Trinity College Dublin 2000  

Kartik Mani, MBBS  
Assistant Professor of Medicine (primary appointment)  
MBBS Delhi University 1998  

Shivaprasad Gowda Manjappa, MD, MBBS  
Instructor in Clinical Medicine (primary appointment)  
MD University of Illinois 2011  
MBBS Medical College of India 2004  

Caroline Mann, MS, MD  
Associate Professor of Medicine (Dermatology) (primary appointment)  
BS Indiana University Bloomington 1986  
MS Sarah Lawrence College 1988  
MD Indiana University Bloomington 1993  

Douglas L. Mann, MD  
Tobias and Hortense Lewin Professor of Medicine (primary appointment)  
Professor of Cell Biology and Physiology  
BA Lafayette College 1973  
MD Temple University 1979  

Sarah K Margolis, MD  
Associate Professor of Clinical Medicine (primary appointment)  
BA Barnard College 1984  
MD State University of New York 1989  

Jonas Marschall, MD  
Adjunct Assistant Professor of Medicine (primary appointment)  
MD University of Basel 1996  

Jay Phillips Marshall II, MD  
Assistant Professor of Clinical Medicine (primary appointment)  
BA De Paul University 1968  
MD University of Missouri 1972

Ann G Martin, MD
Associate Professor of Medicine (Dermatology) (primary appointment)
BS University of Notre Dame 1977
MD Case Western Reserve Univ 1981

Thomas F Martin, MD
Associate Professor of Clinical Medicine (primary appointment)
MD Saint Louis University 1965
BS Saint Louis University 1961

Wade H Martin III, MD
Associate Professor of Medicine (primary appointment)
BA University of Kansas 1973
MD University of Kansas 1977

Nathan Russell Martin, MD
Assistant Professor of Medicine (primary appointment)
BA University of Pennsylvania 2001
MD University of Texas Southwest 2005

Jerald Arthur Maslanko, MD
Instructor in Clinical Medicine (primary appointment)
MD Emory University 1975

Mary Vest Mason, MD, MBA
Instructor in Clinical Medicine (primary appointment)
MD Washington Univ in St. Louis 1994
MBA Washington Univ in St. Louis 1999
BS University of Illinois 1990

Joan Alice Mass, MD
Assistant Professor of Clinical Medicine (primary appointment)
BA Washington Univ in St. Louis 1971
MD Temple University 1977

Stanley Mathew, MBBS
Instructor in Clinical Medicine (primary appointment)
MBBS Kerala University 1991

Anthony J-P Mattaline, DO
Assistant Professor of Clinical Medicine (primary appointment)
DO School Not Listed 1985
BS Northeast Missouri St University 1981
BA St Edwards University 1979

Caline Mattar, MD
Assistant Professor of Medicine (primary appointment)
BS American University of Beirut 2006
MD American University of Beirut 2010

Henry E Mattis, MD
Instructor in Clinical Medicine (primary appointment)
MD Washington Univ in St. Louis 1975
BS University of Illinois 1971

Kara H Mayes
Instructor in Clinical Medicine (primary appointment)

Gabriel Mbalaviele, MA, PHD
Associate Professor of Medicine (primary appointment)
MA School Not Listed 1987
PHD University of Paris 1992

Timothy Joseph McCann, MD
Instructor in Clinical Medicine (primary appointment)
MD American Univ of the Caribbean 1984
BS Saint Louis University 1980

Donte D McClary, MD
Instructor in Clinical Medicine (primary appointment)
MD Meharry Med College 1998
BS Xavier University 1993

Kyle Stephan McCommis, PHD
Assistant Professor of Medicine (primary appointment)
BS University of Kansas 2006
PHD University of MO Columbia 2013

William H. McCoy IV, BS1, MD, PHD
Instructor in Medicine (primary appointment)
BS University of Pittsburgh 2002
BS1 University of Pittsburgh 2002
MD Washington Univ in St. Louis 2013
PHD Washington Univ in St. Louis 2013

Leslie Rose McCrary-Etuk, MD
Instructor in Clinical Medicine (primary appointment)
MD New York Medical College 2001

Jay R. McDonald, MD
Assistant Professor of Medicine (primary appointment)
BS Portland St University 1994
MD Oregon Health Science Univers 1998
BA Duke University 1991

Debra Ann McDonnell, AS, MS, DPT
Associate Professor of Emergency Medicine in Medicine
BS Portland St University 1994
MS Washington Univ in St. Louis 1990
BS Washington Univ in St. Louis 1990
DPT Washington Univ in St. Louis 2005

Cheryl Riddle McDonough, MD
Assistant Professor of Medicine (primary appointment)
BS Portland St University 1994
MD Oregon Health Science Univers 1998
BA Duke University 1991

Colleen McEvoy, MD
Assistant Professor of Medicine (primary appointment)
BS Fairfield University 2004
MD University of MO Columbia 2008

Janet B McGill, MA, MD
Professor of Medicine (primary appointment)
BS University of Michigan 1972
MA Northern Michigan University 1980
Tristan Joy McIntosh, MS, PHD
Instructor in Medicine (primary appointment)
BS University of Utah 2013
MS University of Oklahoma 2015
PHD University of Oklahoma 2018

Oliver McKee, MD
Instructor in Clinical Medicine (Dermatology) (primary appointment)
BA McGill University 1975
MD School Not Listed 1981

Clark R McKenzie, MD
Instructor in Clinical Medicine (primary appointment)
BA University of Missouri 1989
MD University of Missouri 1989

Robert M McMahon, MD, JD
Instructor in Clinical Medicine (primary appointment)
BA University of California 1971
MD Washington Univ in St. Louis 1989
JD University of California 1974

Amy McQueen, PHD, MA
Associate Professor of Medicine (primary appointment)
PHD University of Houston 2002
MA University of Houston 1999
BA University of CA San Diego 1996

Gerald Medoff, MD
Professor Emeritus of Medicine (primary appointment)
BA School Not Listed 1958
MD Washington Univ in St. Louis 1962

Neha Mehta-Shah, MD
Assistant Professor of Medicine (primary appointment)
BA Northwestern University 2005
MD Northwestern University Med 2009

Anibal G Melo, MD
Instructor in Clinical Medicine (primary appointment)
MD Washington Univ in St. Louis 1991

Gary Jay Meltz, MD
Instructor in Clinical Medicine (primary appointment)
BA University of Missouri 1972
MD University of Miami 1977

Robert S Mendelsohn, MD
Associate Professor of Clinical Medicine (primary appointment)
MD Washington Univ in St. Louis 1954
BA Washington & Lee 1950

Ronald L Mera, MD
Instructor in Clinical Medicine (primary appointment)
MD School Not Listed 1976
BS School Not Listed 1970

Claire Elizabeth Meyer, MD
Assistant Professor of Medicine (primary appointment)
BS Roanoke College 2004
MD Washington Univ in St. Louis 2009

Rabya Mian, MBBS
Instructor in Clinical Medicine (primary appointment)
MBBS King Edward Medical College 1999

Scott Micek, MD
Adjunct Instructor in Medicine (primary appointment)
BS University of Missouri 1978

William Samuel Micka, MD
Instructor in Clinical Medicine (primary appointment)
BA Saint Louis University 1999
MD Saint Louis University 2003

Brent William Miller, MD
Professor of Medicine (primary appointment)
MD Washington Univ in St. Louis 1990
BS Stanford University 1986

Charles William Miller, MD
Assistant Professor of Clinical Medicine (Dermatology) (primary appointment)
MD Washington Univ in St. Louis 1972
BS School Not Listed 1968

Lara Elizabeth Miller, DOST
Instructor in Clinical Medicine (primary appointment)
BS Carleton College 1996
DOST Midwestern University 2000

Mark James Miller, PHD
Associate Professor of Medicine (primary appointment)
Associate Professor of Pathology and Immunology
PHD University of California 1996
BS University of California 1991

Heidi B Miller, MD
Instructor in Clinical Medicine (primary appointment)
BS Yale University 1994
MD Harvard University 2000

Christopher A Miller, PHD, BS1
Assistant Professor of Medicine (primary appointment)
PHD Baylor University 2011
BS Truman State University 2005
BS1 Truman State University 2005

Jeffrey R Millman, PHD
Assistant Professor of Medicine (primary appointment)
Assistant Professor of Biomedical Engineering
PHD Mass Inst of Technology (MIT) 2011
BS North Carolina State University 2005
Jason C Mills, AB, PHD, MD, MD1
Professor of Medicine (primary appointment)
Professor of Developmental Biology
Professor of Pathology and Immunology
AB Washington Univ in St. Louis 1989
PHD University of Pennsylvania 1997
MD University of Pennsylvania 1997
BA Washington Univ in St. Louis 1989
MD1 University of Pennsylvania 1997

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MBBCH University of the Witwatersra 1992
MS University of the Witwatersra 1992

Jeffrey H Miner, PHD
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Professor of Cell Biology and Physiology
BA Northwestern University 1985
PHD California Institute Technolo 1991

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Assistant Professor of Medicine (primary appointment)
Assistant Professor of Molecular Microbiology
Assistant Professor of Pathology and Immunology
PHD University of Oklahoma 2008
BS Brigham Young University 2002
MD University of Oklahoma 2010

Joshua Delbert Mitchell, BE, MD
Assistant Professor of Medicine (Pending Executive Faculty approval) (primary appointment)
BE John Hopkins University 2000
MD University of Texas Southwest 2008

Makedonka Mitreva, MS, PHD
Associate Professor of Medicine (primary appointment)
Associate Professor of Genetics
MS University of of Skopje - Macedon 1994
BS University of Skopje - Macedon 1990
PHD Wageningen University 2001

Bettina Mittendorfer, MS, PHD
Professor of Medicine (primary appointment)
MS University of Vienna 1999
PHD University of Texas Austin 1999

Mahshid Mohseni, MD
Instructor in Medicine (primary appointment)
Instructor in Orthopaedic Surgery
MD Isfahan U of Medical Sciences 2004

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MD Case Western Reserve Univ 1972
BA De Paul University 1968

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Associate Professor of Pathology and Immunology
MD University of Puerto Rico 1985
BS University of Puerto Rico 1982

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MD University of Pittsburgh 1954
BA Washington Univ in St. Louis 1950
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MD Univ of TN - Health Sci Center 2015

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MS University of Pennsylvania 2017
BS University of Toronto 1998
PHD University College London 2010

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PHD Western Michigan University 2010
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Assistant Professor of Pediatrics
MD University of MO Kansas City 1997

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MD Hahnemann University 1987

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BS University of Missouri 1978
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BS College of William and Mary 1999

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BA Carleton College 1970

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BS University of California 1980

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BS1 University of Michigan 1989
MD Wayne State University 1993
MD1 Wayne State University 1993
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MD University of MO Columbia 2012

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MD Technische Universitat Darmsta 2014

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BA University of Virginia 2004

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MD University of the Philippines 2008  
BS Mindanao State University 2003

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MD Louisiana St Univ Hilth Sci 2002  
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BS Gustavus Adolphus College 2003

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BS Harvard University 1996  
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PHD University of Pennsylvania 1986  
MPH Saint Louis University 2001  
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BA Washington Univ in St. Louis 1960  
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Instructor in Clinical Medicine (primary appointment)  
MD Chiang Mai University 2001

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MA University of California 1974  
BS Purdue University 1972  
MD Washington Univ in St. Louis 1978

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MD Washington Univ in St. Louis 1972  
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MD University of Michigan 1971  
BS University of Notre Dame 1967

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PHD Georgia Tech 1993  
BS Union University 1988

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Instructor in Clinical Medicine (primary appointment)  
MD University of Texas Southwest 1988  
BS Southern Methodist University 1984

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MD Southwestern University 1988  
BA Texas Christian University 1984

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MD University of California 1991  
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MD Saint Louis University 1979  
BA Northwestern University 1975

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PHD Washington Univ in St. Louis 2001  
BA Scripps College 1990

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Assistant Professor of Clinical Medicine (primary appointment)  
BS University of Toronto 1962  
MS University of Toronto 1966  
MD Washington Univ in St. Louis 1975  
PHD University of Toronto 1970

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Assistant Professor of Medicine (primary appointment)  
MD University of Zagreb 1997

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Instructor in Clinical Medicine (primary appointment)
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MBBS Kilpauk Medical College 1990

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Associate Professor of Medicine (primary appointment)
BS Mysore University 1975
PHD University of Bombay 1987
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Associate Professor of Medicine (primary appointment)
Associate Professor of Surgery (General Surgery)
BA University of Verona 1984
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Instructor in Clinical Radiation Oncology
MD Washington Univ in St. Louis 1967
BA Rice University 1963

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MA Harvard University 1973
PHD Yale University 1979
MD Yale University 1979

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MD Albert Einstein College of Med 2003
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BS Southeast Missouri St Univers 1979
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PHD University of Iowa 2007

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PHD University of Notre Dame 2011
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MD University of Missouri 1983

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MD University of Missouri 1990

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Assistant Professor of Cell Biology and Physiology
PHD University of Cordoba 1999
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MS University of Cordoba 1989

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BS University of CA Davis 2011

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PHD University of Illinois 2000
MD University of Illinois 2002

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MD Mount Sinai School of Medicine 2004
MS Mount Sinai School of Medicine 2000
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BS Lehigh University 1995

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PHD Saint Louis University 1998
BS Murray St University 1982

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PHD Ohio University 1981
MS Rutgers University 1976
BS Rutgers University 1974

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BS Univ of Wisconsin Madison 2001
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BA Brown University 2000

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MD University of Zulia 1974

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BS University of Cincinnati 1993
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MD University of Iowa 2011

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BS Saint Louis University 1975

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BA Cornell University 2003  
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BA University of Texas Austin 1972

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Assistant Professor of Medicine (primary appointment)
Assistant Professor of Cell Biology and Physiology
BS Michigan State University 2004
DDENT University of Michigan 2011
PHD University of Michigan 2011

Mark Scheperle, MD
Instructor in Clinical Medicine (primary appointment)
BA University of Missouri 1989
MD University of Missouri 1989

Alvin K Schergen, MD
Instructor in Clinical Medicine (primary appointment)
MD Saint Louis University 1980
BA Washington Univ in St. Louis 1976

Joel D. Schilling, MD, PHD
Assistant Professor of Medicine (primary appointment)
Assistant Professor of Pathology and Immunology
MD Washington Univ in St. Louis 2003
PHD Washington Univ in St. Louis 2001
BA Colorado College 1996

Tania L Schmid, MD
Instructor in Clinical Medicine (primary appointment)
MD University of Mississippi 1985
BA University of Mississippi 1981

Richard Urban Schmidt Jr
Instructor in Emergency Medicine in Medicine (primary appointment)

Robert Jay Schneider, MD
Assistant Professor of Clinical Medicine (primary appointment)
BA Johns Hopkins University 1973
MD Johns Hopkins University 1976

Erin R. Schockett, MD
Instructor in Clinical Medicine (primary appointment)
MD Brown University 2005

Mark Andrew Schroeder, MD
Associate Professor of Medicine (primary appointment)
BS University of Toledo 1999
MD University of Cincinnati 2003

Alexander E Schuetz, MD
Instructor in Clinical Medicine (primary appointment)
MD Saint Louis University 1996
BA Saint Louis University 1991

Stephen Schuman, MD
Instructor in Clinical Medicine (primary appointment)
MD Saint Louis University 1973

Benjamin D Schwartz, MD, PHD
Professor of Clinical Medicine (primary appointment)
Adjunct Professor of Medicine
MD School Not Listed 1972
PHD School Not Listed 1971
BA Columbia College 1965

David B Schwartz, MD, MA, PHD
Associate Professor of Medicine (primary appointment)
BS University of Michigan 1980
MD Washington Univ in St. Louis 1987
MA Washington Univ in St. Louis 1987
PHD Washington Univ in St. Louis 1986

Evan Stuart Schwarz, MD
Associate Professor of Emergency Medicine in Medicine (primary appointment)
BA University of Texas Austin 2001
MD University of Texas Austin 2005

George G. Schweitzer, PHD, MS
Instructor in Medicine (primary appointment)
BS Washington Univ in St. Louis 2004
PHD University of Michigan 2011
MS Southern Ill Univ Edwardsville 2007

Lynne M Seacord, MD
Associate Professor of Medicine (primary appointment)
MD Washington Univ in St. Louis 1983

Jay R Seltzer, MD
Assistant Professor of Clinical Medicine (primary appointment)
BA University of Missouri 1987
MD University of Missouri 1987

David Seltzer, MD
Assistant Professor of Emergency Medicine in Medicine (primary appointment)
MD Southeastern Illinois College 1993

Clay F Semenkovich, MD
Irene E and Michael M Karl Professor of Endocrinology and Metabolism in Medicine (primary appointment)
Professor of Cell Biology and Physiology
MD Washington Univ in St. Louis 1981
BA University of Virginia 1977

Deepali Prabir Sen, MD, MBBS
Assistant Professor of Medicine (primary appointment)
MD University of Mumbai 2003
MBBS Grant Medical College 1999

Joseph Michael Seria, MD
Instructor in Clinical Medicine (primary appointment)
MD Saint Louis University 1968
BS St Vincent College 1964

Harvey Serota, MD
Instructor in Clinical Medicine (primary appointment)
MD Johns Hopkins University 1982
James F Sertl, MD
Instructor in Clinical Medicine (primary appointment)
BA Washington Univ in St. Louis 1962
MD Saint Louis University 1966

Liang Shan, MS, PHD
Assistant Professor of Medicine (primary appointment)
Assistant Professor of Pathology and Immunology
BS Nankai University 2003
MS Fudan University 2007
PHD Johns Hopkins University 2012

Jieya Shao, PHD
Assistant Professor of Medicine (primary appointment)
PHD Oklahoma St University 2002
BS Nankai University 1996

Rajiv Kumar Sharma
Adjunct Instructor in Medicine (primary appointment)

Gerald Stephen Shatz, MD
Assistant Professor of Clinical Medicine (primary appointment)
BA Northwestern University 1970
MD Washington Univ in St. Louis 1974

Nidal Shawahin, MD
Instructor in Clinical Medicine (primary appointment)
MD University of Jordan 1988

Vidal T. Sheen, MD
Instructor in Clinical Medicine (primary appointment)
BA Johns Hopkins University 1991
MD University of Louisville 1995

David M. Sheinbein, MD
Associate Professor of Medicine (Dermatology) (primary appointment)
MD Saint Louis University 1995
BA University of California Berkeley 1987

Mounir M Shenouda, UNKNOWN
Instructor in Clinical Medicine (primary appointment)
UNKNOWN Alexandria University 1984

Adrian Shifren, MS, MBBCH
Associate Professor of Medicine (primary appointment)
MS Washington Univ in St. Louis 2011
BS University of the Witwatersra 1993
MBBCH University of the Witwatersra 1996

Haina Shin, PHD
Assistant Professor of Medicine (primary appointment)
PHD University of Pennsylvania 2009
BA Northwestern University 2004

Bernard L Shore, MD
Professor of Clinical Medicine (primary appointment)
BS Washington Univ in St. Louis 1972
MD Washington Univ in St. Louis 1977

Sherry E Shuman, MD
Associate Professor of Clinical Medicine (primary appointment)
MD Wayne State University 1982
BS University of Michigan 1978

Robert B Shuman, MD
Associate Professor of Clinical Medicine (primary appointment)
BA Brandeis University 1977
MD University of Missouri 1981

Jeffrey E Siegler, MD
Assistant Professor of Emergency Medicine in Medicine (primary appointment)
BS University of California in Ri 2004
MD Ross University School of Medi 2011

Christine A Sigman, MD
Instructor in Clinical Medicine (primary appointment)
BA Saint Louis University 1991
MD Saint Louis University 1996

Randy B Silverstein, MD
Instructor in Clinical Medicine (primary appointment)

Julie Martha Silverstein, MD
Associate Professor of Medicine (primary appointment)
Associate Professor of Neurological Surgery
MD Drexel University 2007
BA New York University 2004

Robert W Sindel, MD
Instructor in Clinical Medicine (primary appointment)
MD Washington Univ in St. Louis 1975
BA Washington Univ in St. Louis 1969

Sanford S Sineff, MD
Assistant Professor of Emergency Medicine in Medicine (primary appointment)
BS Harvard University 1992
MD Brown University 1996

Gary Singer, MD
Assistant Professor of Clinical Medicine (primary appointment)
MD University of Toronto 1987

Jasvindar Singh, MD
Associate Professor of Medicine (primary appointment)
MD Fiji School of Medicine 1988

Gurcharan J Singh, MD
Instructor in Clinical Medicine (primary appointment)
MD Delhi University 1975
BS Delhi University 1968

Marc Alan Sintek, MD
Assistant Professor of Medicine (primary appointment)
MD Univ of Nebraska at Kearney 2008

Donald A Skor, MD
Professor of Clinical Medicine (primary appointment)
BA Washington Univ in St. Louis 1973
MD Rush University 1978

Timothy W. Smith, MD, PHD
Associate Professor of Medicine (primary appointment)
BS Duke University 1986
MD Duke University 1993
PHD Oxford University 1989

Raymond P Smith, MD
Instructor in Clinical Medicine (primary appointment)
MD University of Virginia 1984
BA Vassar College 1980

Gordon Ian Smith, MS, PHD
Assistant Professor of Medicine (primary appointment)
MS University College Chichester 2002
PHD University of Aberdeen 2006
BS University College Chichester 2001

Timothy Robert Smith, MD
Instructor in Clinical Medicine (primary appointment)
BS University of Mississippi 1983
MD University of Mississippi 1989

Michael C Snyder
Adjunct Instructor in Medicine (primary appointment)

Allen D Soffer, MD
Instructor in Clinical Medicine (primary appointment)
MD University of Missouri 1983

Dorothy Katherine Sojka, PHD
Instructor in Medicine (primary appointment)
PHD University of Rochester 2011

Stephanie Rose Solomon, PHD
Adjunct Assistant Professor of Medicine (primary appointment)
PHD Emory University 2008
BS Ohio State University 2001

Rand Washburn Sommer, MD
Associate Professor of Clinical Medicine (primary appointment)
MD Washington Univ in St. Louis 1980
BS Davidson College 1976

Hani Charles Soudah, PHD, MD
Associate Professor of Clinical Medicine (primary appointment)
PHD School Not Listed 1988
MD School Not Listed 1983

George Souroullas, PHD
Instructor in Medicine (primary appointment)
BA Ohio Wesleyan University 2004
PHD Baylor University 2010

William F Southworth, MD
Assistant Professor of Clinical Medicine (primary appointment)
BA Washington Univ in St. Louis 1969
MD Washington Univ in St. Louis 1975

James Joseph Spadaro Jr, MD
Assistant Professor of Clinical Medicine (primary appointment)

Michael L Spearman, MD
Instructor in Clinical Medicine (primary appointment)
MD University of Kansas Medical 1982
BS Kansas State University 1978

Andrej Spec, MD
Assistant Professor of Medicine (primary appointment)
MD University of Illinois 2010
BS Loyola University Chicago 2005

David H. Spencer, PHD, MD
Assistant Professor of Medicine (primary appointment)
PHD University of Washington 2008
BS University of Washington 2001
MD University of Washington 2010

John Spertus
Adjunct Professor of Medicine (primary appointment)

Michael Spezia
Instructor in Clinical Medicine (primary appointment)

Erik Christian Stabell, MD
Instructor in Clinical Medicine (primary appointment)
BA New College California 1976
MD School Not Listed 1983

Karl Staser, MD, PHD
Instructor in Medicine (primary appointment)
MD Indiana State University 2013
PHD Indiana State University 2013

Phyllis K Stein, PHD, M ED
Associate Professor of Medicine (primary appointment)
PHD University of Virginia 1990
M ED University of Virginia 1987
BA Barnard College 1962

Paul M Stein, MD
Professor of Clinical Medicine (primary appointment)
MD Saint Louis University 1971
BA University of Rochester 1967

Richard Ian Stein, PHD
Associate Professor of Medicine (primary appointment)
PHD Arizona State University 2000

Emily Steiner, MD
Instructor in Medicine (primary appointment)
BA Case Western Reserve Univ 2009
MD University of Toledo 2013

William F Stenson, MD
Dr Nicholas V Costrini Professor of Medicine (primary appointment)
BS Providence College 1967
MD Washington Univ in St. Louis 1971

Barbara B Sterkel
Adjunct Associate Professor of Medicine (primary appointment)

Karin Sterl, MD
Instructor in Medicine (primary appointment)
MD Luliu Hatieganu U of Med 2007

Kara Ellen Sternhell-Blackwell, MA, MD
Associate Professor of Medicine (Dermatology) (primary appointment)
BA Washington Univ in St. Louis 1999
MA Washington Univ in St. Louis 2003
MD Washington Univ in St. Louis 2005

Sean P Stickles, MD
Assistant Professor of Emergency Medicine in Medicine (primary appointment)
MD New York Medical College 2008
BA State Univ of NY Buffalo 2004

Nathan O. Stitzel, MD, PHD, BA1
Assistant Professor of Medicine (primary appointment)
Assistant Professor of Genetics
BA Washington Univ in St. Louis 1998
MD University of Illinois Chicago 2006
PHD University of Illinois Chicago 2006
BA1 Washington Univ in St. Louis 1998

Keith Evan Stockerl-Goldstein, MD
Associate Professor of Medicine (primary appointment)
MD University of CA Los Angeles 1991
BA Washington Univ in St. Louis 1986

James Andrew Stokes, MD
Instructor in Clinical Medicine (primary appointment)
MD University of Missouri 1984
BA Stanford University 1976

Michael Gary Stone, MD
Instructor in Clinical Medicine (primary appointment)
MD Kansas Cty Univ Med/Bioscience 2008

Cristina Strong, PHD
Assistant Professor of Medicine (Dermatology) (primary appointment)
PHD University of Alabama 2002

Christopher Michael Sturgeon, PHD
Assistant Professor of Medicine (primary appointment)
Assistant Professor of Developmental Biology
BS Carleton University 2001
PHD University of British Columbia 2006

Xiong Su, PHD
Assistant Professor of Medicine (primary appointment)
Assistant Professor of Cell Biology and Physiology
BS Beijing University 1998
PHD Washington Univ in St. Louis 2004

Xinming Su, MS, PHD
Instructor in Medicine (primary appointment)
BS Shihesi Medical College 1996
MS Nanjing Agriculture Univ 2003
PHD Nanjing Agriculture Univ 2006

Hamsa Subramanian, UNKNOWN
Instructor in Clinical Medicine (primary appointment)
UNKNOWN Thanjore Medical College 1990
BS St. Joseph's Convent - Trichy 1986

Kanagaraj Subramanian, PHD, MS
Instructor in Medicine (primary appointment)
PHD Heidelberg University 2007
MS Heidelberg University 2000

Hani Suleiman, MD
Instructor in Medicine (primary appointment)
MD Regentsburg University 2007

Kaharu Sumino, M PA, MD, PHD
Associate Professor of Medicine (primary appointment)
M PA Johns Hopkins University 2008
MD Yokohama City Univ Sch Med 1992
PHD Yokohama City Univ Sch Med 1999

William Craig Summers, MD
Instructor in Clinical Medicine (primary appointment)
BS University of Alabama 1994
MD University of AL Birmingham 1999

Rama Suresh, MBBS
Assistant Professor of Medicine (primary appointment)
MBBS University of Madras 1993

Rudee Suwannasri, MD
Instructor in Clinical Medicine (primary appointment)
BS Chiang Mai University 1971
MD Chiang Mai University 1973

Bridgette B Svancarek, MD
Assistant Professor of Emergency Medicine in Medicine (primary appointment)
MD University of MO Columbia 2006
BA Saint Louis University 2001

Elzbieta Anna Swietlicki, PHD, MS
Assistant Professor of Medicine (primary appointment)
PHD Medical Academy Lodz 1981
MS Medical Academy Lodz 1975

T

Mohammad Tahir, MD
Instructor in Clinical Medicine (primary appointment)
MD Dow Medical College Karachi 1976

Benjamin R Tan, MD
Associate Professor of Medicine (primary appointment)
MD University of the Philippines 1990
BS University of the Philippines 1985

David Tan, MD
Associate Professor of Emergency Medicine in Medicine (primary appointment)
MD Loma Linda University 1997
BS Union College Nebraska 1992

Kongsak Tanphaichitr, MD
Professor of Clinical Medicine (primary appointment)
MD Siriraj Medical School 1970

Richard S Tao, MD, MIM
Instructor in Emergency Medicine in Medicine (primary appointment)
BA Indiana State University 1991
MD Indiana State University 1995
MIM Indiana State University 1999

Arnold S Tepper, MD
Instructor in Clinical Medicine (primary appointment)
BA Indiana State University 1966
MD University of Missouri 1970

Wanda T Terrell, MD
Associate Professor of Clinical Medicine (primary appointment)
MD Washington Univ in St. Louis 1979
BA Washington Univ in St. Louis 1975

Larissa Bryka Thackray, PHD
Assistant Professor of Medicine (primary appointment)
PHD U of Colorado Health Sci Ctr 2003
BS Cornell University 1991

George K. Thampy, MD
Instructor in Clinical Medicine (primary appointment)
MD Kerala University 1977

Shaukat Thanawalla
Instructor in Clinical Medicine (primary appointment)

Daniel Leonidas Theodoro, MD
Assistant Professor of Emergency Medicine in Medicine (primary appointment)
MD Brown University 1997

J. Allen Thiel, MD
Associate Professor of Clinical Medicine (primary appointment)
MD Saint Louis University 1960
BS Rockhurst College 1956

Mark S Thoelke, PHD, MD
Professor of Medicine (primary appointment)
PHD University of Illinois 1990
BS University of Illinois 1982
MD University of Illinois 1990

Benjamin S Thomas, MD
Adjunct Instructor in Medicine (primary appointment)
MD Mercer University Macon 2009
BS Georgia Tech 2002

Theodore Seth Thomas, MD, MS, M PH
Instructor in Medicine (primary appointment)
MD University of MO Columbia 2010
MS University of MO Columbia 2006
BS University of MO Columbia 2005
M PH Washington Univ in St. Louis 2017

Alex Anthony Thomas, MD
Instructor in Medicine (primary appointment)
MD University of Louisville 2015

Erik P Thyssen, MD
Assistant Professor of Clinical Medicine (primary appointment)
BA University of Copenhagen 1980
MD University of Copenhagen 1984

LinLin Tian, PHD
Instructor in Emergency Medicine in Medicine (primary appointment)
BS Hebei Medical University 2004
PHD Beijing Institute of Radiation 2009

Lawrence S Tierney, MD
Associate Professor of Clinical Medicine (primary appointment)
MD University of Illinois 1988
BS University of Illinois 1984

Jeffrey P Tillinghast, MD
Associate Professor of Clinical Medicine (primary appointment)
BA State University of New York 1976
MD Washington Univ in St. Louis 1980

Wael Toama, MD
Instructor in Medicine (primary appointment)
MD Damascus U. Medical School 2005

Garry S Tobin, MD
Professor of Medicine (primary appointment)
BA MO S&T (formerly UofMO Rolla) 1981
MD Washington Univ in St. Louis 1985

Fadi Tohme, MD
Assistant Professor of Medicine (primary appointment)
Assistant Professor of Anesthesiology
MD St. Joseph University, Beirut 2010

Douglas M Tollefson, PHD, MD
Professor of Medicine (primary appointment)
BA Grinnell College 1970
PHD Washington Univ in St. Louis 1977
MD Washington Univ in St. Louis 1977

Robert R Townsend, MS, MD, PHD
Professor of Medicine (primary appointment)
Professor of Cell Biology and Physiology
MS Tulane University 1976
BS Centenary College 1972
MD Tulane University 1976
PHD Johns Hopkins University 1982

Elizabeth A Tracy, MD
Instructor in Clinical Medicine (primary appointment)
MD Univ of Wisconsin Milwaukee 1986
BS Marquette University 1982

Doris Janet Tribune-Brown
Instructor in Clinical Medicine (primary appointment)

Nikolaos Trikalinos, MD
Assistant Professor of Medicine (primary appointment)
MD UNIVERSITY OF IOANNINA 2005

Sandeep Kumar Tripathy, PHD, MD
Assistant Professor of Medicine (primary appointment)
PHD University of Chicago 1995
BS University of Illinois 1990
MD University of Chicago 1998

Elbert P Trulock III, MD
Rosemary and I Jerome Flance Professor of Pulmonary Medicine in Medicine (primary appointment)
BS Emory University 1968
MD Emory University 1978

Thomas F Tse, MD
Instructor in Clinical Medicine (primary appointment)
MD Univ of Nebraska at Omaha 1976
BS University of Nebraska 1972

Dolores R Tucker, MD
Assistant Professor of Clinical Medicine (Dermatology) (primary appointment)
MD Washington Univ in St. Louis 1974
BS Saint Mary's College 1958

David J Tucker, MD
Assistant Professor of Clinical Medicine (primary appointment)
BS University of Notre Dame 1977
MD Saint Louis University 1981

Ann-Marcia C Tukpah, M PH, MD
Instructor in Medicine (Pending Dean's Approval) (primary appointment)
M PH Johns Hopkins University 2011
BS Northeastern University 2007
MD Mount Sinai School of Medicine 2015

Stacey S Tull, M PH, MD
Assistant Professor of Clinical Medicine (Dermatology) (primary appointment)
M PH Duke University 1997
MD Duke University 1997
BS University of Texas Austin 1993

John W Turk, PHD, MD
Professor of Medicine (primary appointment)
Alan A and Edith L Wolff Professor of Endocrinology Professor of Pathology and Immunology
BA Washington Univ in St. Louis 1970
PHD Washington Univ in St. Louis 1976
MD Washington Univ in St. Louis 1976

Garima Gupta Tyagi, PHD, MASTERS
Instructor in Medicine (primary appointment)
BA Delhi University 2003
PHD Indian Institute of Science 2011
MASTERS Institute of Medical Science 2005

Robert C. Uchiyama, MD
Instructor in Clinical Medicine (primary appointment)
BS Stanford University 1976
MD Saint Louis University 1980

Mark C Udey, PHD, MD
Professor of Medicine (primary appointment)
PHD Washington Univ in St. Louis 1982
BS Univ of Wisconsin Madison 1975
MD Washington Univ in St. Louis 1982

Fumihiko Urano, MD, PHD
Samuel E Schechter Professor of Medicine (primary appointment)
Professor of Pathology and Immunology
MD Keio University 1994
PHD Keio University 1998

Geoffrey L Uy, BA1, MA, MD
Associate Professor of Medicine (primary appointment)
BA1 Cornell University 1996
MA Washington Univ in St. Louis 2001
BA Cornell University 1996
MD Washington Univ in St. Louis 2001

Justin Marinus Vader, MD
Assistant Professor of Medicine (primary appointment)
MD University of Texas Southwest 2006

Brij R Vaid, MD
Instructor in Clinical Medicine (primary appointment)
MD Rush University 1992

Albert Lee Van Amburg III, MD
Assistant Professor of Clinical Medicine (primary appointment)
MD Washington Univ in St. Louis 1972
BA Washington Univ in St. Louis 1968

Brian Andrew Van Tine, MD, PHD
Associate Professor of Medicine (primary appointment)
BS University of Arizona 1995
MD University of AL Birmingham 2005
PHD University of AL Birmingham 2005

Gil M Vardi, MD
Assistant Professor of Clinical Medicine (primary appointment)
MD Tel-Aviv University 1988

Deborah J Veis, PHD, MD
Professor of Medicine (primary appointment)
Professor of Pathology and Immunology
BA Princeton University 1987
PHD Washington Univ in St. Louis 1995
MD Washington Univ in St. Louis 1995

Stephanie Margaret Velloze, MD
Instructor in Medicine (primary appointment)
MD Washington Univ in St. Louis 2015

Emmanuel A Venkatesan, MBBS
Associate Professor of Clinical Medicine (primary appointment)
MBBS CMC, Vellore, India 1990

Ravi Vij, MBBS
Professor of Medicine (primary appointment)
MBBS Maulana Azad Medical College 1991
BS Delhi University 1991

Kiran Raj Vij, MD
Associate Professor of Medicine (primary appointment)
Associate Professor of Pathology and Immunology
MD Indira Gandhi Medical College 1993

Anitha Vijayan, MD
Professor of Medicine (primary appointment)
MD University of the West Indies 1990

Dennis T Villareal, MD
Adjunct Associate Professor of Medicine (primary appointment)
MD CEBU Doctor’s College of Med 1982
BS University of San Carlos 1978

John L Visconti, MD
Assistant Professor of Medicine (Pending Executive Faculty Approval) (primary appointment)
BS University of MO St Louis 1986
MD Univ of Health Sciences KC 1990

Benjamin Allen Voss, BA1, MD
Instructor in Clinical Medicine (primary appointment)
BA Saint Louis University 2003
BA1 Saint Louis University 2003
MD Creighton University 2007

Venkata Vosuri, MD
Instructor in Medicine (primary appointment)
MD Andhra University 2003

Stanley G Vriezelaar, MD
Instructor in Clinical Medicine (primary appointment)
MD University of Iowa 1981
BA Simpson College 1977

W

Harry Lee Wadsworth, MD
Instructor in Clinical Medicine (primary appointment)
BS Texas Tech University 1978
MD Texas Tech University 1983

Jason Cass Wagner, MD
Assistant Professor of Emergency Medicine in Medicine (primary appointment)
MD University of Colorado Denver 2001

Stanley M Wald, MD
Associate Professor of Clinical Medicine (primary appointment)
MD Washington Univ in St. Louis 1946

David Wallace, MD
Instructor in Clinical Medicine (primary appointment)
MD Saint Louis University 1984
BA Saint Anselm College 1980

Laura A Wallace, MD
Instructor in Emergency Medicine in Medicine (primary appointment)
MD Ohio State University 2012
BA Indiana University Indianopoli 2017

David A Walls, MD
Instructor in Clinical Medicine (primary appointment)
MD Southern Illinois University 1982
BA Southern Illinois University 1979

Sarah N. Walsh
Instructor in Clinical Medicine (Dermatology) (primary appointment)

Matthew John Walter, MD
Professor of Medicine (primary appointment)
Professor of Genetics
MD Saint Louis University 1995
BS The American University 1990

Richard Coburn Walters, MD
Instructor in Clinical Medicine (Dermatology) (primary appointment)
BS University of Illinois 1969
MD Washington Univ in St. Louis 1973

Lawrence L. Wang, PHD, MD
Instructor in Clinical Medicine (Dermatology) (primary appointment)
BA Harvard University 1993
PHD Washington Univ in St. Louis 2001

Jean S Wang, MD, PHD
Professor of Medicine (primary appointment)
Professor of Surgery (General Surgery)
MD Brown University 1998
PHD John Hopkins University 2009

Xiaowen Wang, MD
Instructor in Medicine (primary appointment)
MD Duke University 2016

Leyao Wang, M PH, PHD
Instructor in Medicine (primary appointment)
M PH Johns Hopkins University 2017
Andrea Wang-Gillam, BS1, MD
Associate Professor of Medicine (primary appointment)
BS Ouachita Baptist University 1993
BS Ouachita Baptist University 1993
MD University of AR Little Rock 2001

Saiama Naheed Waqar, MD
Assistant Professor of Medicine (primary appointment)
MD Aga Khan University 2001

Jeffrey Peter Ward, MD, PHD
Instructor in Medicine (primary appointment)
MD SUNY - Empire State College 2010
BS Wilkes University 2002
PHD SUNY - Empire State College 2010

David K. Warren, MPH, MD
Professor of Medicine (primary appointment)
BS Pennsylvania State University 1990
MPH Saint Louis University 2005
MD University of Pittsburgh 2004

Corinna Hendrell Warren, MD
Instructor in Clinical Medicine (primary appointment)
MD University of Illinois Chicago 1994
BS Southern Illinois University Edwardsville 1990

Lukas Delbert Wartman, MD
Assistant Professor of Medicine (primary appointment)
MD Washington University in St. Louis 2005
BS University of Wisconsin Madison 1998

Scott P. Wasserstrom, MD, MA
Instructor in Clinical Medicine (primary appointment)
MD Washington University in St. Louis 1995
BS University of Illinois 1990
MA Washington University in St. Louis 1995

Jason Dean Weber, PHD
Professor of Medicine (primary appointment)
Professor of Cell Biology and Physiology
PHD Saint Louis University 1997
BS Bradley University 1993

H. James Wedner, MD
Philip & Arlene Korenblat Professor of Allergy and Immunology in Medicine (primary appointment)
BS Cornell University 1963
MD Cornell University 1967

Xiaochao Wei, PHD
Assistant Professor of Medicine (primary appointment)
PHD University of Rochester 2007

Kevin D Weikart, MD
Instructor in Clinical Medicine (primary appointment)
MD American Univ of the Caribbean 1979

Gary J Weil, MD
Professor of Medicine (primary appointment)
Professor of Molecular Microbiology
BA Harvard University 1971
MD Harvard University 1975

Katherine N Weilbaecher, MD
Professor of Medicine (primary appointment)
Professor of Cell Biology and Physiology
Professor of Pathology and Immunology
MD Stanford University 1992
BA Harvard University 1987

Carla Joy Weinheimer, MS
Associate Professor of Medicine (primary appointment)
BS University of Illinois 1984
MS Washington University in St. Louis 1997

Leonard B Weinstock, MD
Associate Professor of Clinical Medicine (primary appointment)
Assistant Professor of Clinical Surgery (General Surgery)
BA University of Vermont 1977
MD University of Rochester 1981

Steven Jay Weintraub, MD, MS
Associate Professor of Medicine (primary appointment)
MD University of Virginia 1985
BA State University of NY Binghamton 1978
MS University of Virginia 1981

Edmond Weisbart
Assistant Professor of Clinical Medicine (primary appointment)

Alan N Weiss, MD
Professor of Medicine (primary appointment)
MD Ohio State University 1966
BA Ohio State University 1963

Peter Douglas Weiss, MD
Instructor in Clinical Medicine (primary appointment)
BA Harvard University 1975
MD Case Western Reserve University 1980

Edward P Weiss, PHD, MS
Adjunct Research Assistant Professor of Medicine (primary appointment)
PHD University of Maryland 2003
BS Southern Illinois University 1989
MS Southern Illinois University 1992

John Sutton Welch, MD, PHD
Associate Professor of Medicine (primary appointment)
MD San Diego State University 2004
PHD University of CA San Diego 2002
BS Brigham Young University 1995

Lynn Ellis Welling, MD
Adjunct Associate Professor of Medicine (primary appointment)
MD Uniformed Services University of Health Sciences 1989
Pamela M. Wendl, MS, DPT  
Assistant Professor of Emergency Medicine in Medicine  
(Pending Executive Faculty Approval) (primary appointment)  
Assistant Professor of Orthopaedic Surgery  
Assistant Professor of Physical Therapy  
BS North Park College 1991  
MS Washington Univ in St. Louis 1993  
DPT Washington Univ in St. Louis 2007

Alvin S Wenneker, MD  
Professor of Clinical Medicine (primary appointment)  
BA Washington Univ in St. Louis 1949  
MD Washington Univ in St. Louis 1953

Jennifer Marie Wessels, MD  
Instructor in Clinical Medicine (primary appointment)  
MD Saint Louis University 2009

Peter Westervelt, PhD, MD  
Professor of Medicine (primary appointment)  
BA Colby College 1985  
PHD Washington Univ in St. Louis 1992  
MD Washington Univ in St. Louis 1992

Patrick White, MD  
Assistant Professor of Medicine (primary appointment)  
MD Ohio State University 2007  
BS Notre Dame College 2002

Michael Peter Whyte, MD  
Professor of Medicine (primary appointment)  
Professor of Genetics  
Professor of Pediatrics  
MD State University of New York 1972  
BA New York University 1968

Cynthia A Wichelman, MD  
Associate Professor of Emergency Medicine in Medicine  
(primary appointment)  
Course Director for the Mini-Medical School  
MD Stanford University 1988  
BA University of California 1982

Samuel A Wickline, MD  
Adjunct Professor of Medicine (primary appointment)  
MD University of Hawaii 1980  
BA Pomona College 1974

John F Wiedner, MD  
Instructor in Clinical Medicine (primary appointment)  
BA Knox College 1982  
MD School Not Listed 1985

Deborah A Wienksi, MD  
Instructor in Clinical Medicine (primary appointment)  
BA Smith College 1979  
MD Tufts University 1983

Tanya M Wildes, MD  
Associate Professor of Medicine (primary appointment)  
BS Illinois Wesleyan University 1998  
MD Washington Univ in St. Louis 2002

George A Williams III, MD, MA  
Assistant Professor of Clinical Medicine (primary appointment)  
MD Univ of Wisconsin Madison 1972  
MA Columbia University 1968  
BA University of Notre Dame 1967

R. Jerome Williams Jr, MD  
Associate Professor of Clinical Medicine (primary appointment)  
BA Harvard University 1973  
MD Duke University 1977

Nancy J Williams, MD  
Instructor in Clinical Medicine (primary appointment)  
BA Dartmouth College 1982  
MD University of Kansas 1987

Timothy John Williams, MD  
Instructor in Medicine (primary appointment)  
MD University of Cincinnati 2012  
BA McKendree College 2008

Patrick H Win  
Instructor in Clinical Medicine (primary appointment)

Karen Winters, MD  
Associate Professor of Medicine (primary appointment)  
Director of the Student and Employee Health Service - Medical Campus  
BS Illinois State University 1975  
MD Southern Illinois University 1983

Chad Alan Witt, MD  
Associate Professor of Medicine (primary appointment)  
BS Texas Tech University 2001  
MD University of Texas Southwest 2005

Keith Frederic Woeltje, MD, PhD  
Professor of Medicine (primary appointment)  
BS University of Dallas 1984  
MD Texas Southern University 1991  
PHD Texas Southern University 1991

Edward M Wolfe, MD  
Instructor in Clinical Medicine (Dermatology) (primary appointment)  
BA Hobart College 1956  
MD Washington Univ in St. Louis 1960

Gerald Wolff, MD  
Assistant Professor of Clinical Medicine (primary appointment)  
BA Harvard University 1955  
MD Washington Univ in St. Louis 1961

Terrence N Wong, PHD, MD  
Instructor in Medicine (primary appointment)  
BS University of Chicago 2007  
PHD University of Chicago 2007
John A Wood, MD
Associate Professor of Clinical Medicine (primary appointment)
MD University of Oklahoma 1968

Megan Elizabeth Wren, MD
Professor of Medicine (primary appointment)
MD Washington Univ in St. Louis 1985
BA Washington Univ in St. Louis 1981

Jeffrey M Wright, MD
Assistant Professor of Clinical Medicine (primary appointment)
Assistant Professor of Clinical Pediatrics
BS Vanderbilt University 1975
MD Washington Univ in St. Louis 1979

Xiaobo Wu, MD
Assistant Professor of Medicine (primary appointment)
MD Tongji University 1986

Haojia Wu, PHD
Instructor in Medicine (primary appointment)
PHD University of Hong Kong 2014
BS Sun Yat-Sen University 2007

Jun Xia, PHD
Instructor in Medicine (primary appointment)
PHD University of Illinois 2006

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M25 Medicine 507 Practice of Medicine I

POM I is a large course which spans all three blocks of the first year. It is composed of three content areas: Clinical Skills, Patient, Physician, and Society Clinical Knowledge. Each of these three content areas has two or more sections, each run by a faculty section leader. POM I employs a variety of teaching techniques, instructors and venues. This includes lecture, small group discussions, panel sessions, one-on-one hospital interviews, standardized patient sessions, a patient home visit, and visits to both a primary care office and a city clinic. What are the educational goals of POM I? Students will learn to: 1. Perform a complete history and physical examination with thoroughness,accuracy, sensitivity and compassion. 2. Communicate effectively, efficiently and compassionately with patients, families and other health professionals. 3. Describe and analyze the statistical methodology of clinical studies and apply the results to individuals and groups of patients. 4. Identify and investigate ethical, cultural, socioeconomic and political factors relevant to medical interactions. 5. Examine and analyze personal and professional competencies, limitations and behaviors. How do we accomplish these goals? 1. Learning skills and techniques requires a cycle of steps: preparation, background reading, attempts at skill performance, analysis and reflection on performance, discussion of potential improvements and successive performance of the skill with advancement to a new level of expertise. 2. The focus is on learning skills. You practice each skill, such as interviewing, in a variety of venues and situations of varying complexity. This course is for learning about how to do things that you will use for taking care of patients and families. 3. You work in multiple learning environments. a. Academic environments: small group sessions for discussion, small group practice sessions, peer learning, small group presentations, individual and group writing assignments, and reflections on experiences are the preferred learning locations. b. Clinical environments: inpatient units with faculty and WUSM IV mentors, standardized patient experiences with videotape review, physicians' offices, patients' homes with and without home care professionals, and a city clinic. Credit 198.5 units.

M25 Medicine 604 Physicians, Patients and Society: Clinical Skills

Credit 43 units.

M25 Medicine 605A Infectious Diseases

The Infectious Diseases course teaches both organism-specific and organ-specific approaches to disease caused by microbes. The course expands upon the material presented in the first year concerning bacteria, viruses, fungi and parasites and their involvement in causation of human disease. It explores the complex interaction between microbes and host in the individual patient, and at the broader public health level. Educational methods include lecture, interactive in-class case discussions and review sessions, and student-led clinical case discussions in small groups. Credit 51 units.

M25 Medicine 606A Rheumatology

A major focus of the course is teaching "how to think like a rheumatologist", emphasizing the concept of clinical diagnosis: the history and physical generate a clinical hypothesis, which is supported by laboratory tests. Inflammatory arthritis (rheumatoid arthritis, spondyloarthropathies, crystalline disorders, and infectious arthritis), classic "autoimmune diseases" (lupus, inflammatory myopathy, and scleroderma), and vasculitic syndromes are presented. A team based learning exercise on rheumatology lab tests gives students a chance to teach one another the details. Two separate sessions with four unknown patients gives students a chance to interview patients and try to make a diagnosis. Credit 17 units.

M25 Medicine 607 Practice of Medicine II

The goal of The Practice of Medicine (POM) course is to provide students with the knowledge, skills and attitudes essential to patient care regardless of specialty. POM II is a continuation of POM I and will continue to address various interfaces between patients, physicians and society and will also introduce the advanced physical exam and approaches to clinical thinking and decision-making. The sections of POM II include Clinical Skills, Case Development, Communication Skills, Ophthalmology, Radiology, Community and Public Health, Ethics and Health Policy Humanities, and Scientific Methods. The learning objectives for each section of POM II emphasize topics and skills used in all fields of medicine, and the majority of the course work will be taught in small groups or through clinical experiences. Credit 89 units.

M25 Medicine 608 Practice of Medicine II: Patient Sessions

Credit 23.5 units.

M25 Medicine 611B Cardiovascular Disease

Cardiovascular disease remains the number one cause of death within the United States, although steady advances in the field have greatly reduced both its associated morbidity and mortality. This course provides a foundation for understanding the pathophysiology, diagnosis, and management of cardiovascular conditions commonly encountered in clinical practice, including hypertension, ischemic heart disease, heart failure, arrhythmias, valvular heart disease, pericardial diseases, aortic diseases, peripheral arterial disease, and venous disorders. An emphasis is placed on describing the current state of knowledge in...
cardiology while also including some of the exciting new developments that are revolutionizing patient care. The course includes lecture overviews of each topic along with small group and team-based learning sessions to solidify and apply knowledge of the material to patient case scenarios. In addition, "EKGs of the Week" allow students to practice a structured approach to the interpretation of EKGs.

Credit 30 units.

**M25 Medicine 612B Pulmonary Diseases**
The pulmonary pathophysiology course is designed to familiarize medical students with the pathophysiological mechanisms underlying diseases of the pulmonary system. The course begins with a brief review of pertinent pulmonary physiology and pulmonary function, and then explores how pathologic disorders alter normal lung physiology resulting in the clinical presentation of disease. Major categories of clinical pulmonary diseases discussed include obstructive lung diseases, restrictive lung diseases, pulmonary vascular diseases and pleural disease. Educational methods include lectures, team-based learning and review sessions.

Credit 22.5 units.

**M25 Medicine 613B Renal & Genitourinary Diseases**
This course focuses upon the wide variety of renal diseases. It will begin with a brief review of pertinent renal physiology, and then will explore disorders of fluids/electrolytes (abnormalities in plasma water/solute balance), patterns of acute and chronic kidney injury (including nephritic/nephrotic syndromes and renal involvement in systemic disorders), and finally the options available when end stage kidney disease is reached (hemodialysis, peritoneal dialysis, transplantation). The course contains a mixture of lecture, small group, team based learning, case-based presentations, and patient presentation.

Credit 38 units.

**M25 Medicine 614 Dermatology**
The dermatology second-year course is designed to provide medical students with a foundation in dermatology that will support future learning and improve diagnostic skills in general medicine and a wide variety of specialties. Medical students will learn how to describe skin lesions and the pathophysiologic basis and clinical characteristics of major dermatologic diseases. Major categories of clinical skin diseases and their most prominent constituents will be discussed, including papulosquamous diseases, blistering diseases, infectious diseases, and benign and malignant neoplasms.

Credit 8 units.

**M25 Medicine 615A Endocrinology and Metabolism**
The endocrine pathophysiology course aims to provide an understanding of the pathophysiology and clinical manifestations of common endocrine disorders. Emphasis is placed upon relevant clinical history and physical examination as well as the interpretation of investigations for endocrine disorders. Basic principles of treatment of endocrine disorders will also be discussed. Lectures are supplemented by organ-specific clinical case discussions.

Credit 31 units.

**M25 Medicine 620A Gastroint. and Liver Diseases/Nutrition**
This course discusses the pathophysiological mechanisms underlying diseases of the gastrointestinal tract including esophagus, stomach, small and large intestines, liver, gall bladder and pancreas. A series of lectures related to nutrition and the impact of nutritional disorders on health and disease are also included. Lectures are supplemented by group seminars that include discussion of clinical case presentations.

Credit 32 units.

**M25 Medicine 625A Hematology and Oncology**
The hematology pathophysiology course exposes students to common hemologic disorders and hematologic malignancies. The course utilizes lectures, clinical case discussions and practical sessions involving microscopy.

Credit 39 units.

**M25 Medicine 655 Preparation for Clinical Medicine**
Credit 154 units.

**M25 Medicine 707 Practice of Medicine III**
Objectives: 1. To review challenges and dilemmas relevant to the practice of clinical medicine; 2. To examine clinical experiences from a variety of perspectives. In this course, themes and topics relevant to students in their clinical stage of training are discussed. Session formats include lecture, panel discussion and/or small group. As students exchange problematic scenarios and questions, the group develops potential solutions and management schemes. Topics in the past have included: 1) Diversity 3.0 training; 2) Business of medicine; 3) Individualized Learning Objectives in clinical scenario; 4) PSQI; 5) Mock Deposition, Risk Management, and Adverse Patient Outcomes; 6) Compassion Fatigue, Resilience, and Burnout Part 1; 7) Compassion Fatigue, Resilience, and Burnout Part 2; 8) Caring for Incendiary Patients; 9) Diagnostic Error and Transitions of Care; 10) Strategies for Effective Teaching and Mentoring. Attendance at 8 out of 10 POM III sessions is required to pass this course. Students may use two absences for any reason and are recommended to save them for their ACES rotation, Labor & Deliver rotation, or an emergency.

**M25 Medicine 710 Medicine Clerkship**
The Medicine clerkship provides supervised study of patients in both inpatient and ambulatory settings. For the inpatient rotations, students are assigned to this four-week rotation. Students will spend their first day in an orientation session learning suturing, ECG interpretation and airway management (including intubation skills) in hands-on laboratories. They will also review pelvic examinations and view an education video on domestic violence.
On day two, they begin primarily evaluating non-emergent patients in Urgent Care and report directly to an Emergency Medicine attending. There are four hours of conferences per week (8-10 a.m. on Tuesday and Wednesday mornings) — attendance is mandatory. Discussions are currently underway to allow students to participate in helicopter ride-alongs with ARCH Airmedical Services. Students can expect to gain a wide range of skills in evaluating uncomplicated upper respiratory infections, urinary tract infections, sexually transmitted diseases, lacerations, eye problems, rashes, simple extremity trauma — in general, "bread and butter" medical/surgical problems. Students do a case presentation (15 min.) at the close of the block. Credit 154 units.

M25 Medicine 715 Ambulatory Clerkship: Urgent Care
The Urgent Care area (UCA) serves as our site for the WUSM III Ambulatory Care Rotation. Three students at a time are assigned to this four-week rotation. Students will spend their first day in an orientation session learning suturing, ECG interpretation and airway management (including intubation skills) in hands-on laboratories. They will also review pelvic examinations and view an education video on domestic violence. On day two, they begin primarily evaluating non-emergent patients in Urgent Care and report directly to an Emergency Medicine attending. There are four hours of conferences per week (8-10 a.m. on Tuesday and Wednesday mornings) — attendance is mandatory. Discussions are currently underway to allow students to participate in helicopter ride-alongs with ARCH Airmedical Services. Students can expect to gain a wide range of skills in evaluating uncomplicated upper respiratory infections, urinary tract infections, sexually transmitted diseases, lacerations, eye problems, rashes, simple extremity trauma — in general, "bread and butter" medical/surgical problems. Students do a case presentation (15 min.) at the close of the block. Credit 154 units.

M25 Medicine 730 Physical Medicine and Rehabilitation Clerkship
Clerkship in PM&R for third-year medical students provides an opportunity to gain basic knowledge and clinical skills in evaluation and management of a wide range of neurological and musculoskeletal diseases and conditions that require specialized rehabilitative medical and therapeutic care. Students spend two weeks on the Spinal Cord Injury Unit (SCI) and two weeks on the Brain Injury (BI) and Stroke Unit at The Rehabilitation Institute of St. Louis. Students are expected to give an oral presentation on a topic of their choice once during the rotation. Credit 154 units.

M25 Medicine 740 Dermatology Clerkship
The goal of the dermatology clerkship is to provide a guide for the student to appreciate dermatology within the broader perspectives of medicine and biology. The student will develop familiarity with dermatologic vocabulary, learn to recognize and initiate therapy of common dermatologic disorders and become cognizant of uncommon or complicated dermatologic problems that require specialty care. Emphasis will be placed on careful history taking and physical examination. Students will always work under the direction of the resident physician and the attending physicians in the clinic setting. Credit 154 units.

M25 Medicine 750 Geriatrics Clerkship
The primary goal of this rotation is for students to gain proficiency in the principles of geriatric evaluation and management, including the medical, psychological, social, and functional assessments of older adults. Students are expected to participate in the evaluation of three to five patients per week, in a variety of settings including the outpatient Geriatric Assessment Clinic, inpatient Geriatric Consult service, Parc Provence nursing home, and the Rehabilitation Institute of St. Louis (TRISL). Students will also have the opportunity to participate in hospice and home care visits, interdisciplinary team meetings, and observe an assessment at the Washington University Alzheimer’s Disease Research Center. Students are expected to attend weekly conferences while on the rotation. The day normally begins at 8:30 a.m. and is usually finished by 5:30 p.m. There is no night or weekend call. Time is provided to read the detailed syllabus/bibliography. Many clinical activities are off-site from the medical campus. Students will be required to coordinate transportation to and from such sites. Students will be expected to give an oral presentation on a topic of their choice once during the rotation. Credit 154 units.

M25 Medicine 801 Honors Medicine - General Medicine
The purpose of the Honors Medicine elective (sub-internship) is the development of expertise in the care of hospitalized patients in a well-supervised teaching environment. Sub-interns act as their patients’ interns under the supervision of residents and attending physicians. Sub-interns have the same on-call and admitting schedules as the interns on their teams and are assigned up to two new patients on each admitting day. Sub-interns are not required to spend call nights in the hospital. Except in emergencies, sub-interns are the first individuals to evaluate patients admitted to medical service teams. A diagnostic and therapeutic approach to the patient is planned in consultation with the resident. Sub-interns assume primary responsibility for the daily care of their patients, under the supervision of resident and attending physicians. This includes evaluation on daily rounds, scheduling and obtaining results of diagnostic studies, planning therapy, making arrangements for care after discharge and communicating with patients and their families. Sub-interns attend the same conferences as the house staff.

M25 Medicine 805 Rheumatology
Students will be involved in the diagnostic work-up and management of patients with conditions such as systemic lupus erythematosus, rheumatoid arthritis, scleroderma, vasculitis (ANCA-associated vasculitis, temporal arthritis, etc.), spondyloarthropathies (ankylosing spondylitis, psoriatic arthritis, reactive arthritis, etc.), and gout; there is less exposure to osteoarthritis and regional musculoskeletal problems. By
working closely with a faculty member, fellows and medical residents, students become integral and active members of the rheumatology service for inpatient consultations and outpatient clinics at Barnes-Jewish Hospital. An emphasis is placed on the physical examination of joints and the musculoskeletal system, synovial fluid analysis, and interpretation of diagnostic tests and radiographs. Students attend two rheumatology conferences held weekly. A rotation limited to outpatient rheumatology is possible by prior arrangement with the course director.

**M25 Medicine 807 Honors Medicine - VA Hospital**

The purpose of the Honors Medicine elective (sub-internship) at the VA Medical Center is to develop proficiency in the care of hospitalized patients on an internal medicine ward. Sub-interns will have similar responsibilities as interns, with appropriate supervision by the attending and resident physicians. They have the same on-call/admitting schedules as the interns and participate in the same teaching conferences, but they do not take overnight call. Sub-interns should at least two patients per call day, and they should be the first to evaluate the patients admitted to the medical service, except in emergencies. A diagnostic and therapeutic approach to evaluating each patient is planned in consultation with the resident. Sub-interns assume primary responsibility for the daily care of their patients, including evaluating each patient daily, presenting on morning rounds entering orders (discussed with and co-signed by the resident), interpreting results of diagnostic studies, calling consults, collaborating with nurses and social work, organizing post-discharge care, and communicating with patients and their families. Sub-interns also attend weekly small group learning sessions during which they discuss, diagnose, and treat patients using example cases. By the end of the VA Honors Medicine rotation, sub-interns will be able to independently: - Synthesize and succinctly present a patient's history, exam, diagnostic data, assessment, and plan of care. - Support differential diagnoses and proposed care plans with clinical reasoning and evidence. - Demonstrate how to correctly order diagnostic tests and medications that further patient care. - Analyze complex patient cases during interactive small group learning sessions. Integrate feedback from patients, residents, and attending physicians, and formulate a plan for ongoing improvement as a clinician.

**M25 Medicine 810 Geriatric Medicine**

The primary goal of this rotation is for students to gain proficiency in the principles of geriatric evaluation and management, including the medical, psychological, social, and functional assessments of older adults. Students are expected to participate in the evaluation of three to five patients per week, in a variety of settings including the outpatient Geriatric Assessment Clinic, inpatient Geriatric Consult service, outpatient and home-based Primary Care, and the Rehabilitation Institute of St. Louis (TRISL; optional). Students will also have the opportunity to participate in hospice and home care visits, interdisciplinary team meetings, and observe an assessment at the WU Alzheimer's Disease Research Center. Students are expected to attend weekly conferences while on the rotation. The day normally begins at 8:30 a.m. and is usually finished by 5:30 p.m. There is no night or weekend call. Time is provided to read the detailed syllabus/bibliography. Many clinical activities are off-site from the Medical Campus; students will be required to coordinate transportation to and from such sites. Students will be expected to give an oral presentation on a topic of their choice once during the rotation.

**M25 Medicine 811 Clinical Internal Medicine - Hospitalist**

This course allows the student to work one-on-one with hospitalist physicians on a patient care team. The student acts as the intern under the direct supervision of the attending physician. Daily responsibilities include admission history and physicals, daily notes and discharge summaries on assigned patients. They also will have the opportunity to perform indicated procedures on patients on this service. Students are encouraged to participate in Department of Medicine conferences.

**M25 Medicine 814 Clinical Emergency Medicine - Barnes-Jewish Hospital**

This rotation offers practical experience in the evaluation and management of acutely sick and injured patients. Students will function as sub-interns, initially evaluating their assigned patients and developing a plan for further diagnostic studies and therapy. They will report to a senior-level resident or attending physician. The student can expect to get an opportunity to perform a wide variety of procedural skills such as suturing, splinting, peripheral and central venous access, and cardiopulmonary resuscitation. Shifts will be eight hours, and students will rotate between day, evening and night shifts, including weekend shifts, in order to gain maximum exposure to all types of emergencies. A core content of lectures will be provided. Students will gain an understanding of prehospital care by doing a ride-along shift with the St. Louis Fire Department EMS. Students will also gain knowledge of the basics of ultrasound during their time in the department. Students interested in EM will be doing 1:1 shifts with a single attending during their last two weeks of the rotation. Students desiring a letter of recommendation from any EM attending should take this WUSM IV Emergency Medicine rotation. Students will be scheduled for required weekend and overnight shifts, and changes will not be allowed to the schedule unless approved prior to the start of the rotation by the course coordinator. Please be advised that there is a limit of days off while on this rotation during interview season; otherwise, students should arrange to take the elective at a different time during the year. Days off during the rest of the year will conform to university policy. Days off should be requested from the course coordinator at least two weeks prior to the beginning of the rotation for scheduling purposes.

**M25 Medicine 821 Inpatient Cardiology**

Students will participate as members of the Barnes-Jewish Cardiology at Washington University Consultative Team. They will be part of a team composed of faculty members, fellows, residents, and nurse practitioners that sees a large population of cardiac patients and follows them through all aspects of their in-hospital care. Emphasis will be placed on physical examination and the interpretation of modern cardiac diagnostic tests including electrocardiograms, echocardiograms and coronary angiograms and their role in clinical decision making.

**M25 Medicine 822 Honors Medicine - Cardiology**

The structure and functioning of the Honors Medicine-Cardiology elective (sub-internship) is very similar to the general medicine sub-internship (M25 801). The basic purpose is to develop expertise in the care of hospitalized patients in a well-supervised teaching environment. The majority of patients admitted to the service will have a cardiology diagnosis as the main reason for admission. Some general medical problems will also be seen. All attendings on the service are cardiology subspecialists. Cardiology fellows act as the chief resident for the service on a monthly basis. Sub-interns act as their patients' interns under
the supervision of residents and attending physicians. Sub-interns have the same on-call and admitting schedules as the interns on their teams and are assigned up to two new patients on each admitting day. Sub-interns are not required to spend call nights in the hospital. Except in emergencies, sub-interns are the first individuals to evaluate patients admitted to medical service teams. A diagnostic and therapeutic approach to the patient is planned in consultation with the resident. Sub-interns assume primary responsibility for the daily care of their patients, under the supervision of resident and attending physicians. This includes evaluation on daily rounds, scheduling and obtaining results of diagnostic studies, planning therapy, making arrangements for care after discharge, and communicating with patients and their families. Sub-interns attend the same conferences as the internal medicine house staff. There are also several conferences specific to the cardiology service.

M25 Medicine 823 Clinical Cardiology - VA Hospital
The major purpose of this elective in clinical cardiology at the John Cochran VA Hospital is to improve evaluation and management skills for diagnosis and treatment of important cardiovascular conditions such as coronary artery disease including acute myocardial infarction, congestive heart failure, hypertension, and valvular heart disease. The rotation is designed to be flexible enough to accommodate a wide variety of course objectives but includes the opportunity to participate in 1-3 outpatient clinics per week; 1-4 weeks of inpatient intensive care, telemetry, or cardiology consultation rounds; and ECG, stress testing, nuclear imaging, or echocardiographic reading sessions, cardiac catheterization and electrophysiologic procedures. The emphasis will be on improvement of the ability to diagnose and treat cardiovascular disease on the basis of information obtained from a thorough history and physical examination that is integrated with data from appropriate highly targeted laboratory studies in a manner that optimizes patient outcome and minimizes risk and costs.

M25 Medicine 825 Cardiac Arrhythmias and Electrophysiology
This elective provides the student with exposure and teaching in the diagnosis and treatment of complex cardiac rhythm disturbances. Specifically, the student is expected to evaluate patients referred for evaluation and treatment of complex or life-threatening rhythm disturbances, unexplained syncope or sudden cardiac death. Rounds are made daily on hospitalized patients, and students are welcome to observe electrophysiology studies or implantation of pacemakers and defibrillators. This elective also provides an intensive opportunity to learn clinical electrocardiography and the systematic use of anti-arrhythmic drugs. Finally, since patients with chronic, complex rhythm disturbances frequently have organic heart disease, a broad-based exposure to general cardiology is also part of this elective.

M25 Medicine 827 Heart Failure/Cardiac Transplantation
This rotation is intended to provide trainees with a comprehensive experience managing patients with advanced heart failure. In addition to daily rounds, trainees are invited to attend both heart failure and transplant clinics. Further, the curriculum is supplemented by a comprehensive syllabus that contains the critical literature pertinent to this patient population. The trainees will also have experience with the evaluation of patients for operative heart failure therapies and will have the opportunity to observe these surgical procedures.

M25 Medicine 830 Dermatology
The aim of this elective is to provide a guide for students so they are able to appreciate dermatology within the broader perspectives of medicine and biology. Emphasis will be placed on the dermatologic variations encountered in a normal physical examination of the skin, the identification of common skin diseases, dermatologic clues to systemic disease, as well as those dermatologic conditions that are life-threatening. The student will participate in outpatient care in the Barnes-Jewish Hospital and affiliated clinics. Students will attend all clinical teaching rounds and conferences in addition to the basic science and cutaneous histopathology conferences.

M25 Medicine 831 Pediatric Dermatology
This clinical rotation will be available to students interested in dermatology, pediatrics or both. Students will follow the dermatology rotation (M25 830) with an emphasis on pediatric dermatology by attending pediatric dermatology clinics, seeing consults, etc. Enthusiastic students will have an opportunity to write up a case report if they wish, but need to notify the instructor before the course.

M25 Medicine 834 Clinical Mentoring
This elective is designed to develop the teaching and mentoring skills of our fourth-year medical students through structured hospital sessions with first-year medical students. The primary format of the elective is observation of two first-year students during hospital sessions that span from September-April. During these hospital sessions the first-years perform the H&P, and the fourth-years mentors observe and offer constructive feedback. Each session will have an accompanying H&P written by the first-year student, which is to be thoroughly reviewed and critiqued by the fourth-year mentor. Additional practice sessions are optional and can be individually arranged between teams where the fourth-year mentor can assist the first-year student on personalized skills that are identified by their individualized learning goals. A small number (2-3/year) of in-person sessions will occur with clinical faculty instructors to review teaching methods, assist in giving feedback, and to help the fourth-year mentor to acquire skills necessary for supervision of medical students during internship/residency. The schedule is very flexible, and there are no active clinical responsibilities during December/January to allow time off for interviews.

M25 Medicine 836 Clinical Gastroenterology and Hepatology
The GI Hepatology elective is integrated into a very active, inpatient and endoscopy service at Barnes-Jewish Hospital. Students will participate in the evaluation of inpatients with a spectrum of gut and liver disorders, will make patient rounds with the faculty and fellows, and have responsibility for patients whom consultations have been requested. In addition, they will observe general endoscopic techniques and participate in GI conferences.

M25 Medicine 836A Treatment of Patients with Inflammatory Bowel Disease
This elective will allow students to spend an intensive period of time learning about all aspects of the care of patients with IBD (surgical, endoscopic, and medical management). Although a predetermined schedule has been developed, it can be modified based on the student's interest. Alternative options include: inpatient IBD care (Barnes-Jewish Hospital and Barnes West County); wound clinic / stoma care; specialized endoscopy (chromoendoscopy, ERCP); IBD / colorectal surgery; pathology.
M25 Medicine 838 Medicine Consult Service
The focus of the Medicine Consult Service elective is the evaluation and management of medically complex patients admitted to the hospital on non-medicine services. The issues involved with perioperative management are particularly stressed. The student will function as a member of the consult service team. Duties will include performing initial consultations and follow-up care under the supervision of a Hospital Medicine attending and a senior medical resident. Attendance at Department of Medicine and division conferences is encouraged.

M25 Medicine 842 Introduction To Wilderness Medicine
The purpose of this course is to introduce medical students to common medical problems both emergent and nonemergent seen in various wilderness settings. After taking this course the student should have a basic understanding of the pathophysiology and management of these problems in an environment with limited access to medical aid. The course will involve four days of four-hour lectures each week along with one 1-2 day required overnight camping trip. Requirements to pass this course include completing a presentation on a topic of their choosing that is approved by the course director as well as a skills and written test.

M25 Medicine 843 Medical Toxicology
This rotation offers practical experience in the evaluation and management of the acutely ill poisoned patient. Students will function as sub-interns and either report to the senior resident, fellow, or directly to the toxicology attending. Students will gain familiarity and experience evaluating and treating patients who have intentionally or unintentionally overdosed on medications or illicit drugs, been envenomated (such as by spiders, snakes, or other reptiles), or been exposed to toxic substances or chemicals. Students will also gain experience in administering antidotes and learning to properly decontaminate someone after an ingestion or exposure. There are no overnight or weekend shifts. Daily activities start in the morning and are generally concluded by the early afternoon. A core content of lectures will be provided. The students will also be assigned small projects during their rotation that will enhance their experience particularly in environmental and occupational toxicology. Opportunities to increase their experience with occupational toxicology also exist during this rotation; those with this interest can ask for further information during their rotation. Students will also have the opportunity to go to the Missouri Poison Center and evaluate patients in the outpatient toxidology clinic. Students desiring a letter of recommendation from one of the toxicology attendings (who are also Emergency Medicine and Internal Medicine attendings) or interested in Emergency Medicine or Medical Toxicology should take this elective. Also, students considering other specialties such as Pediatrics or Internal Medicine should consider this rotation as they will be responsible for evaluating these patients as part of their inpatient or outpatient practice. Please be advised that there is a limit of days off while on this rotation during interview season; otherwise, students should arrange to take the elective at a different time during the year. Days off should be requested from the course coordinator at least two weeks prior to the beginning of the rotation for scheduling purposes. Students should receive a course guide just prior to their rotation. However if they do not, they can page the toxicology pager at 314-672-0284 to determine when and where to meet for rounds.

M25 Medicine 844 Hematology and Hemostasis
Activities include work-up of patients at Barnes-Jewish Hospital under the supervision of the hematology fellow and faculty; attendance at daily clinical rounds for 1-1.5 hours per day. These are staffed by a senior faculty in the Division of Hematology. In addition to evaluation of patients with hematologic disorders, the student will gain additional analytic skills including: 1. Interpreting and integrating laboratory data in the diagnosis of anemia and pancytopenia; 2. Review peripheral blood and bone marrow morphology; 3. Analyze laboratory data for the diagnosis of thrombophilia and bleeding; 4. Discern the principles of blood banking and pheresis. The students will have the opportunity to follow patients with sickle cell disease and understand the treatment of this disorder. The student is expected to attend and participate in the weekly hematology conference.

M25 Medicine 847 Bone and Mineral Diseases
The course is designed to acquaint the student with the clinical, radiological and pathological manifestations and treatment of disorders of bone and mineral metabolism, including osteoporosis, Paget’s disease of bone, hyperparathyroidism, osteomalacia, and more rare disorders of bone development and homeostasis. The student will rotate through clinics of the Division of Bone and Mineral Diseases, and see patients at Barnes-Jewish Hospital, Barnes-Jewish West County Hospital and Shriners Hospital for Children. Acquired and heritable bone diseases will be studied in the context of derangements of mineral homeostasis with emphasis on vitamin D and peptide hormone metabolism and skeletal formation and remodeling. The role of non-invasive methods for measuring bone mass in the diagnosis and management of skeletal diseases also will be stressed. Faculty and medical students will present interesting cases for discussion or the students can present a pertinent topic related to bone metabolism they have researched during their rotation.

M25 Medicine 853 Bone and Joint Infectious Disease Consult
Study of infectious diseases of the bones and joints, including infections in both native and prosthetic joints. The elective is designed to teach students the fundamentals of evaluating clinical orthopedic infections and formulating plans for workup and therapy. Students see consultations in infectious diseases in every part of Barnes-Jewish Hospital under the supervision of a faculty member who rounds with them every day. They work closely with the infectious diseases attending and nurse practitioner, follow their own patients and play an important role in their management. They are expected to read the literature about their patients and participate in clinical conferences. They attend teaching rounds and conferences and lectures in infectious diseases. They also learn appropriate use of antibiotics and antifungal agents. The role of surgical and medical management is discussed, and the students will interact with surgical staff in understanding the risks and outcomes of these common infections. Two weeks of General Inpatient Infectious Disease are a prerequisite to this course.

M25 Medicine 854 Transplant Infectious Disease
Study of infectious diseases in patients who have had bone marrow or solid organ transplants, or who have a hematologic malignancy. The elective is designed to teach students the fundamentals of evaluating clinical infections in these complex and interesting patients and formulating plans for workup and therapy. Students see consultations in every part of Barnes-Jewish Hospital under the supervision of a faculty member.
who round with them every day. They work closely with infectious disease fellows, follow their own patients and play an important role in their management. They are expected to read the literature about their patients and participate in clinical conferences. They attend teaching rounds and conferences and lectures in infectious diseases. They also learn appropriate use of antibiotics, antifungal and antiviral agents in this highly immune suppressed population. A wide distribution of infectious diseases is covered including management of neutropenic fever, invasive fungal infections in the transplant population, acute and chronic infections, infection prophylaxis and monitoring and interactions between immunosuppressive agents and antibiotics.

M25 Medicine 858 Ambulatory Infectious Disease
The elective is designed to teach students the fundamentals of evaluating clinical infections in the outpatient setting. Students see patients under the supervision of a faculty member. Students will participate in the care of HIV-infected or otherwise immunosuppressed patients as well as general infectious disease and travel patients. The clinic is the primary provider for HIV-infected patients, and students will learn the pathogenesis of HIV, become familiar with most antiretroviral medications, and have the opportunity to learn about opportunistic infections and their prophylaxis. They will also have the opportunity to see patients with bone and joint infections, endovascular infections, endemic and opportunistic mycoses, mycobacterial infections, sexually transmitted diseases, and many other infections. Patients seen will have a wide range of acute and chronic infections, and will include indigent and insured patients of both sexes and a wide range of ages. The students will play an important role in the management of these patients and will present their assessments and plans to the supervising attending. They are expected to write clinic notes, read the literature about their patients, and participate in clinical conferences.

M25 Medicine 859 General Inpatient Infectious Disease
Study of patients with infectious diseases, including inpatient care of HIV-infected patients and general infectious disease consults. The elective is designed to teach students the fundamentals of evaluating clinical problems in infection and formulating plans for workup and therapy. Students see consultations in infectious diseases in every part of Barnes-Jewish Hospital under the supervision of a faculty member who rounds with them every day. They work closely with medical residents and infectious disease fellows, follow their own patients and play an important role in their management. They are expected to read the literature about their patients and participate in clinical conferences. They attend teaching rounds and conferences and lectures in infectious diseases. They also learn appropriate use of antibiotics, antifungal and antiviral agents. A wide distribution of infectious diseases is covered including community-acquired acute and chronic infections, opportunistic infections in HIV-infected patients, hospital-acquired infections, and basic infection control practices. This is a four-week rotation. Two-week rotations are allowed, but must be done in conjunction with two weeks of Transplant Infectious Disease or Bone and Joint Infectious Disease.

M25 Medicine 861 Oncology - Inpatient Consult Service
Medical Oncology is a complex subspecialty that is undergoing a rapid evolution as a result of new systemic treatment approaches that stem from biological insights into the nature of cancer. During the course of the elective, medical students will be able to interact with attending physicians and patients for bed side teaching and attend tumor boards and lectures focused on the care of patients with solid tumors. At the end of the rotation, the students will appreciate the principles of our approach to cancer patients and should have gained insights into the evaluation and management of patients with newly diagnosed malignancies. The role of surgery, radiation, and systemic treatment will also be an important theme, as well as the conduct of clinical research in this patient population. Students will also learn to care for hospitalized patients suffering from complications from their cancer or from toxicities due to treatments. Oncologic emergencies will be covered. Issues such as palliative care treatment options and end-of-life decision making will be explored as well.

M25 Medicine 862 Honors Medicine - Oncology
The structure and functioning of the Honors Medicine-Oncology elective (sub-internship) is very similar to the general medicine sub-internship (M25 801). The basic purpose is to develop expertise in the care of hospitalized patients in a well-supervised teaching environment. The majority of patients admitted to the service will have an oncology diagnosis as the main reason for admission. Some general medical problems related to their cancer and their therapy will also be seen. All attendings on the service are oncology subspecialists. Sub-interns act as their patients’ interns under the supervision of residents and attending physicians. Sub-interns have the same on-call and admitting schedules as the interns on their teams and are assigned up to two new patients on each admitting day. Sub-interns are not required to spend call nights in the hospital. Except in emergencies, sub-interns are the first individuals to evaluate patients admitted to medical service teams. A diagnostic and therapeutic approach to the patient is planned in consultation with the resident. Sub-interns assume primary responsibility for the daily care of their patients, under the supervision of resident and attending physicians. This includes evaluation on daily rounds, scheduling and obtaining results of diagnostic studies, planning therapy, making arrangements for care after discharge and communicating with patients and their families. Sub-interns attend the same conferences as the internal medicine house staff. There are also several conferences specific to the oncology service.

M25 Medicine 863 Emergency Ultrasound
This rotation will focus on ultrasound and all of its many applications and uses in the Emergency Department. Students will participate in the performance of bedside ultrasound of patients in the Emergency Department. Common applications of Emergency Ultrasound include the FAST exam, pelvic ultrasound, Abdominal Aortic Aneurysm (AAA), vascular access, renal, gallbladder, and DVT. In general, the student will be in the Emergency Department during weekdays to perform these exams. Students will be involved in direct patient care during this rotation. In addition, the student will meet with the elective instructor one to two times per week to review images and have direct hands-on instruction. At the end of the rotation, the student should have gained the knowledge of basic emergency ultrasound, including its indications and applications, as well as becoming more adept at the performance of ultrasound.

M25 Medicine 865 Intensive Care Medicine
This elective in intensive care is offered in the Intensive Care Unit at Barnes-Jewish Hospital, South Campus. This unit has 16 intensive care beds providing intensive nursing care and life-support technology. The patients represent a mixture of patients with primarily medical problems. Patient care responsibility
includes night call. In addition to patient responsibility, there are regularly scheduled conferences and attending rounds.

**M25 Medicine 867 Medical Intensive Care**
This elective is offered as an opportunity to gain additional experience in acute, primary care medicine. The elective is an advanced course in patient care involving complex medical problems. Responsibilities involve working up new patients with the MICU team, case presentations and attendance at conferences. Conferences consist of attending rounds Monday through Saturday, radiology rounds Monday through Saturday, pulmonary conference and medical grand rounds on Thursday, and critical care conference once each month. Call schedule is every third night.

**M25 Medicine 869 Palliative Medicine**
The Palliative Medicine elective will focus on the care of patients with life-threatening or debilitating illness throughout the course of their care. Skills in symptom management, communication, and interdisciplinary team-based care will be the focus. Students will spend the majority of their time on the BJH Palliative Care Service. Based on the individual student’s interest, there may also be opportunities to work with the BJC Hospice Team and the St. Louis Children’s Hospital Palliative Care Service. While in the hospital, students will be responsible for seeing patients upon initial assessment as well as delivering follow-up care with the team. Patients will be seen for both end-of-life care as well as symptom management. Students will learn to assess and treat refractory symptoms and participate in complicated advanced care planning. Students will attend interdisciplinary team meetings, and may participate in conversations about goals of care and coping with bad news. They may also make home visits with hospice care providers, if desired. Emphasis will be placed on observing and understanding the psychosocial and spiritual needs of the patients, as well as the impact of the burden on caregivers. In addition, students will be expected to lead biweekly presentations/group discussions on selected aspects of Palliative Medicine with the BJH Palliative Care team.

**M25 Medicine 870 Endocrinology, Diabetes, and Metabolism**
In general, the four-week rotation will be divided into two weeks of general endocrinology and two weeks of diabetes. Students taking this elective will perform consultations with fellows and faculty on the inpatient services at Barnes-Jewish Hospital and will also see patients with endocrine and metabolic diseases in the Outpatient Consultation. They will present these cases daily on teaching rounds. They will also participate in case conferences and seminars on a weekly basis. Extensive interaction with patients with diabetes and a diabetes education program are included, as is involvement with patients with thyroid, pituitary, adrenal, gonad, metabolic bone disease, and lipid disorders. Ample opportunities will be provided for discussions of patient problems with the members of the division. A variety of outpatient clinics are offered in the division, and interested students should speak with the fellows and faculty members to customize the learning experience to match their career goals. At the end of the rotation, it is expected that students will have the ability to initiate inpatient and outpatient management of diabetes including insulin dosing and glucose monitoring, as well as evaluate and treat a variety of endocrine disorders including but not limited to thyroid, pituitary, and adrenal disease. Students will learn to perform effective inpatient and outpatient consultations.

**M25 Medicine 871 Oncology - Outpatient**
Students will gain experience in the initial treatment of newly-diagnosed malignancies and the outpatient management of oncology patients. Participation in multidisciplinary tumor conferences will stress a combined-modality approach to management, incorporating chemotherapy, radiotherapy and surgery. Students will see patients with a variety of malignancies, including lymphoma, myeloma, and tumors of the lung, breast, and colon. Management of hypercalcemia and other paraneoplastic syndromes, as well as cancer pain management, will be covered. Students will have the opportunity to see how most oncologists spend 90 percent of their workday. They will observe different styles that oncologists use when presenting news about prognosis, treatment options, and other information to patients while they also learn about the molecular basis for cancer, the mechanisms of action for our therapies (particularly the newer agents which target specific molecular abnormalities), and the key studies that justify the use of therapies (e.g., randomized studies showing that after surgery, chemotherapy will reduce the risk of recurrence from a particular cancer with a particular regimen). By spending time with clinicians, students will learn how to identify hereditary syndromes, use drugs for symptom relief, and also learn how radiographic and laboratory tests allow oncologists to care for patients.

**M25 Medicine 877 Intensive ECG Interpretation**
During this two-week elective, students will read 20-25 ECGs obtained from the Barnes-Jewish Cardiac Diagnostic Laboratory, with an overview by an experienced electrocardiographer. There will also be didactic sessions covering infarction, ventricular hypertrophy, heart block, arrhythmias, and aberrant conduction.

**M25 Medicine 879 Pulmonary Care for the Underserved**
Clinical setting: Outpatient clinic dedicated to providing pulmonary specialty care to patients who are predominantly uninsured or who rely upon public assistance such as Medicaid. Student role: Students independently interview and examine patients and present findings to the attending, tests and imaging are reviewed, and provider and attending develop plan. Common problems/diseases: Asthma, COPD, sarcoidosis, lung cancer, and obstructive sleep apnea are commonly seen. Also, patients are referred for evaluation of abnormal x-rays and for symptoms such as dyspnea. Primary learning objectives: to understand and practice important history and exam skills in pulmonary medicine: symptoms, smoking history, work and environmental exposures, and important pulmonary physical exam findings; to understand the basics of pulmonary function tests, chest imaging, and methods for tissue sampling; to understand the basis of treatment of common pulmonary disorders. Conferences: There is no conference associated with this clinic, but students may attend the usual Thursday morning Medicine Grand Rounds at 8:00 a.m. and the Pulmonary Grand Rounds at 11:00 a.m. if the subject matter is appropriate.

**M25 Medicine 880 Pulmonary Medicine - Barnes-Jewish Hospital**
Students will acquire skills in the evaluation and management of patients with pulmonary diseases and in the interpretation of pulmonary function tests. They will gain experience in outpatient Lung Center and attend regular pulmonary and critical care medicine conferences.
M25 Medicine 884 Bone Marrow Transplantation and Stem Cell Biology
Intense four-week clinical rotation exposing interested fourth-year medical students to the clinical world of bone marrow transplantation and to the basic science of hematopoiesis, leukemia, and stem cell biology. Students will be primarily responsible for the care of autologous and allogeneic BMT recipients and those patients being treated for a variety of hematologic malignancies such as AML, ALL, multiple myeloma and non-Hodgkin's lymphoma. In addition they will be exposed to methods of stem cell harvest, cryopreservation and immunophenotyping. This rotation plans to provide motivated students with an ideal mix of clinical medicine and basic science.

M25 Medicine 887 Clinical Cardiovascular Medicine

M25 Medicine 890 Clinical Nephrology
Students rotate through inpatient and outpatient experiences to gain exposure to all facets of nephrology. They will spend time the majority of their time on an inpatient consult service, gaining exposure to acute and chronic renal failure, glomerulonephritis, and electrolyte disorders. During this time, they will serve as a fully integrated member of the consult team, evaluating underlying causes of kidney disease, performing diagnostic procedures, formulating management plans, and engaging in decision-making discussions with primary services and families. In addition, students will have the opportunity to experience ICU nephrology, the transplant service, the various CKD clinics, and all modalities of dialysis, including in-center, home, and peritoneal dialysis.

M25 Medicine 890A Kidney Transplant
Students participating in this elective will: gain exposure to end-stage renal disease and the treatment options; examine kidney transplantation as the most valuable option; learn about immunosuppression; and gain exposure to infectious diseases like CMV, BK, and adeno virus that are commonly seen in patients that have had a kidney transplant (and not often seen otherwise).

M25 Medicine 893 Adult Allergy and Clinical Immunology
Students will participate in the outpatient Allergy Clinics located in Barnes-Jewish Hospital Center for Advanced Medicine, Barnes-Jewish West County, and Center for Advanced Medicine South County. Students will participate in allergy skin testing, pulmonary function testing, and drug desensitization. They can attend allergy conferences on Thursday morning. Students have the option to follow a fellow and see inpatient consults at Barnes-Jewish Hospital.

M25 Medicine 900 Research Elective - Internal Medicine
Research opportunities may be available. If interested, please contact the Department of Internal Medicine.