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.

Research

For information about Primary Care Summer Preceptorships (p. 5), 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.

Thomas M. DeFer, MD
6604 Wohl Hospital
Phone: 314-362-8050
Email: tdefer@wustl.edu

Special Projects in Medical Education. Through special arrangement with and approval by the course master, 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 master 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 master. This is open only to Washington University School of Medicine students.

Matthew Ellis, MB, BChir, PhD
Southwest Tower, Room 724
Phone: 314-747-3613

Genomics of Breast Cancer. The demonstration that the HER2 gene was amplified in breast cancer heralded the “genomic era” for this disease which ultimately led to major clinical advances for HER2-positive disease. The HER2 discovery was based on a search for cancer-specific anomalies in the cellular homologs of the acutely transforming retroviral oncogenes described in birds and mammals. However, HER2 gene amplification is now recognized to be only one of a large number of somatic mutations that occur in breast cancer. In the last 10 years, my clinical and laboratory efforts have focused on the development of a luminal (hormone receptor positive) breast cancer genome atlas to elucidate the complexity of the somatic changes in the breast cancer genome responsible for tumors resistant to current therapies. During these efforts we established a body of work on the practice of treating postmenopausal women with large palpable hormone receptor-rich tumors with four months of an aromatase inhibitor. The ultimate scientific goal of these efforts is to create specimen banks and biomarker data from thousands of patients to create sufficient statistical power to robustly link genomic screens to clinical outcomes so we can eventually focus our basic science efforts on the most lethal genetic events.

Over the last year, we have undertaken a comprehensive analysis of the tumor samples accrued, including “whole genome” gene expression chips, high resolution array comparative hybridization analysis and candidate gene sequencing. The gene lists we are currently generating, particularly those from the marriage of expression profiling and array comparative hybridization, suggest a host of new therapeutic targets ready to be exploited. Functional characterization of these genes has begun, and this effort is a major focus in the laboratory. Elective students will focus on projects that relate to individual oncogene candidates. The scope of the project will be commensurate with elective time commitment but participation may include interpretation of genomic data, confirmatory studies on gene over-expression in cell lines and tissues, and functional studies using gene transfer, gene knock-down and pharmacological targeting to verify the identity of bona fide therapeutic targets for further investigation. Attendance at weekly lab meetings is expected.

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

Occupational medicine epidemiology and intervention research. My research involves the use of epidemiologic methods to characterize associations between diseases and work-related exposures. I am 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@wusm.wustl.edu
or Lisa Hayes
Phone: 314-362-4362
Email: hayesli@wusm.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 masters 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.

Keith A. Hruska, MD
McDonnell Pediatric Research Building, 5th Floor
Phone: 314-286-2772

Our laboratory’s focus is on two aspects of kidney diseases: the progression of chronic kidney disease (CKD), and the syndrome of the CKD-mineral bone disorder (CKD-MBD). The latter is an important cause of mortality associated with CKD. We have discovered the pathogenesis of the CKD-MBD in early stage 2 CKD. We have ongoing studies of CKD stimulated vascular calcification in which we have discovered the mechanism of atherosclerotic plaque calcification stimulated by phosphorus. We are analyzing phosphorus as a cardiovascular risk factor, and new therapies for chronic kidney disease, the CKD-MBD, and vascular calcification.

Stuart A. Kornfeld, MD
Clinical Sciences Research Building, 8th Floor
Phone: 314-362-8803

Synthesis, processing and sorting of glycoproteins, including lysosomal enzymes. Intracellular protein trafficking.

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.

Jack Ladenson, PhD
Phone: 314-454-8436

Development of monoclonal and single-chain antibodies for use in research and in diagnostic testing.

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 and the study of transgenic and knockout mouse models, in situ hybridization and immunohistochemistry.

Jeffrey D. Milbrandt, MD, PhD
101 Biotechnology Center
Phone: 314-362-4650

We have several ongoing projects in our laboratory that focus on peripheral neuropathy and neurodegenerative diseases. (1) Using high throughput screening methods to dissect the molecular program responsible for dismantling injured and/or unhealthy axons with the goal of identifying drugs to treat neurological disorders. (2) Using genetics and metabolomics to understand how metabolic deficits in glia lead to neuropathy and axon breakdown. (3) Developing new genetic tools for in vivo and in vitro assays aimed at characterizing the role of non-myelinating Schwann cells in acquired peripheral neuropathies such as diabetic neuropathy. (4) Implementing novel, high-throughput genome engineering technologies in induced pluripotent stem cell-derived neurons to perform functional genomic screens for pathways involved in axon regeneration.

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.
Stanley Misler, MD, PhD  
815 Yalem Building, Barnes-Jewish Hospital  
Phone: 314-454-7719  
Stimulus-secretion coupling in endocrine cells (B-islet cells and adrenal chromaffin cells) examined using single-cell assays of secretion (capacitance measurements, amperometery).

Ginger E. Nicol, MD  
4412 Renard Building  
Phone: 314-362-5939  
Clinical research concerning substrate (glucose and lipid) metabolism and the regulation of weight and body composition in persons with mental illness, particularly concerning the effect of psychotropic medications. This elective offers the student a broad exposure to clinical research protocols, including protocols in adults and children. Students will have an opportunity to focus on a particular project of interest.

Amit Noheria, MBBS, SM  
Northwest Tower, 13th Floor  
Phone: 314-249-7352  
Clinical Outcomes in Patients with Cardiac Implantable Electronic Devices: Clinical research to evaluate outcomes in patients with cardiac implantable electronic devices (CIEDs).

1. Risk of stroke in patients with patent foramen ovale and CIEDs.
2. Predictors of hemodynamically unstable ventricular arrhythmias in patients with left ventricular assist devices (LVADs).

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  
My 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 allergic 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 physicochemical 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 atrra, Epicoccum nigrum, and several pollens including those from white oak and Parthenium hysterophorus, 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
Visit our website for more information about our faculty (https://internalmedicine.wustl.edu/divisions) and their appointments.

A

Eva Marie Aagaard, MD
Professor of Medicine (primary appointment)
Sr Associate Dean for Education
MD Cornell University 1995
BA University of CA Santa Barbara 1991

Elliot Efrem Abbey, MD
Professor of Clinical Medicine (primary appointment)
MD New York University 1975
BA Cornell University 1971

Camille N. Abboud, MD
Professor of Medicine (primary appointment)
BS American University of Beirut 1970
MD American University of Beirut 1974

Basem Abdeen, MD
Instructor in Clinical Medicine (primary appointment)
MD University of Jordan 2001

Khaled M Abdel-Hamid
Instructor in Clinical Medicine (primary appointment)

Dana Ray Abendschein, PhD
Associate Professor of Medicine (primary appointment)
Associate Professor of Cell Biology and Physiology
PHD Purdue University 1978
BS State University of New York 1974

Grazia Abou Ezzi, MS, MS, PhD
Instructor in Medicine (primary appointment)
MS University of Nice 2008
BS Holy Spirit Univ of KaslIK 2006
MS University of Paris 2009
PHD University of Nice 2013

Barry K Abramson, MD
Instructor in Clinical Medicine (primary appointment)
BA Johns Hopkins University 1981
MD University of Miami 1985

Nada A Abumrad, PhD
Robert C Atkins Professor of Obesity Research in Medicine (primary appointment)
Professor of Cell Biology and Physiology
BS American University of Beirut 1972
PHD State University of New York 1978

Susan R Adams, MD
Instructor in Clinical Medicine (primary appointment)
MD University of Missouri 1989
BA Carleton College 1985

Foluso O Ademuyiwa, MBBS, M PH
Associate Professor of Medicine (primary appointment)
MBBS University of Ibadan 1999
M PH Johns Hopkins University 2001

Douglas R Adkins, MD
Professor of Medicine (primary appointment)
BS Wright State University 1982
MD Wright State University 1986

Patrick Roy Aguilar, MD
Assistant Professor of Medicine (primary appointment)
BA UT Permian Basin 2017
MD UT Medical Branch 2017

Homaa Ahmad, MD
Assistant Professor of Medicine (primary appointment)
MD Johns Hopkins University Medc 2003
BA Johns Hopkins University 1999

Danish Ahmad, MD
Instructor in Medicine (primary appointment)
MD University of Maryland 2017
BS University of Maryland 2017

Abdulla Akfaly, MD
Instructor in Clinical Medicine (primary appointment)
MD Aleppo University 1991

Ghadah Abdulaziz Al Ismail, MBBS
Instructor in Medicine (primary appointment)
MBBS King Faisal University Medical 2006

Scott J Anderson, MD, PHD
Assistant Professor of Medicine (primary appointment)
BA University of California 1975
MD Duke University 1982
PHD Duke University 1981

Adam Lee Anderson, MD
Assistant Professor of Medicine (primary appointment)
MD University of Illinois Chicago 2010
BS University of Illinois Chicago 2006

Aliaa Ali, MD
Instructor in Medicine (primary appointment)
MD Damascus University 100
MD University of Bombay 1995  
MS University of Detroit 1998  
PHD Wayne State University 2000  

**Suzanne V Arnold, MD, MHA**  
Adjunct Assistant Professor of Medicine (primary appointment)  
MD Ohio State University 2004  
MHA Ohio State University 2004  

**Vivek Kumar Arora, MD, PHD**  
Assistant Professor of Medicine (primary appointment)  
MD University of Texas Southwest 2004  
BS Northwestern University 1996  
PHD University of Texas Southwest 2004  

**Saira M Asadullah, MD**  
Instructor in Clinical Medicine (primary appointment)  
MD Aga Khan University 1992  

**Phillip V. Asaro, MD**  
Assistant Professor of Emergency Medicine in Medicine (primary appointment)  
MD Saint Louis University 1981  

**John Patterson Atkinson, MD**  
Samuel Grant Professor of Medicine (primary appointment)  
Professor of Molecular Microbiology  
BA University of Kansas 1965  
MD University of Kansas 1969  

**Jeffrey Jay Atkinson, MD1, MD, BS1**  
Associate Professor of Medicine (primary appointment)  
Associate Professor of Pediatrics  
MD1 Hahnemann University 1994  
MD Hahnemann University 1994  
BS Loyola College 1990  
BS1 Loyola College 1990  

**Crystal Lynn Atwood, MD**  
Instructor in Medicine (primary appointment)  
MD University of Illinois Chicago 2009  

**Chandra Aubin, MD**  
Associate Professor of Emergency Medicine in Medicine (primary appointment)  
MD University of Missouri 1983  
BA University of Missouri 1983  

**James G Avery, MD**  
Associate Professor of Clinical Medicine (primary appointment)  
MD University of Tennessee 1990  
BA Washington Univ in St. Louis 1986  

**Riad Azar, MD**  
Associate Professor of Medicine (primary appointment)  
MD Saint Josephs University 1994  

**Hilary M Babcock, MD, MPH**  
Associate Professor of Medicine (primary appointment)  

MD University of Texas Southwest 1994  
MPH Saint Louis University 2006  
BA Brown University 1989  

**Richard G. Bach, MS, MD**  
Professor of Medicine (primary appointment)  
MS New York University 1980  
BS Georgetown University 1977  
MD New York University 1984  

**Maria Quintos Baggstrom, MD**  
Associate Professor of Medicine (primary appointment)  
MD University of Texas Houston 1996  
BA Williams College 1991  

**Om Parkash Bahl, MS**  
Assistant Professor of Clinical Medicine (primary appointment)  
MS Punjab University 1957  

**Thomas C Bailey, MD**  
Professor of Medicine (primary appointment)  
MD Washington Univ in St. Louis 1984  
BA William Jewell College 1980  

**Donald M Bailey**  
Adjunct Instructor in Medicine (primary appointment)  

**Gregory Eden Baker, MD**  
Instructor in Clinical Medicine (primary appointment)  
MD Mayo Clinic 2001  

**Megan Tierney Baldridge, PHD, MD**  
Assistant Professor of Medicine (primary appointment)  
Assistant Professor of Molecular Microbiology  
PHD Baylor College of Medicine 2009  
MD Baylor College of Medicine 2011  

**Fred J Balis, MS, MD**  
Assistant Professor of Clinical Medicine (primary appointment)  
MS Cornell University 1985  
BS University of Vermont 1981  
MD Washington Univ in St. Louis 1989  

**Clarence William Balke, MD**  
Professor of Medicine (primary appointment)  
BS Haverford College 1975  
MD Temple University 1981  

**David Ban, MD**  
Associate Professor of Clinical Medicine (primary appointment)  
MD University of Oregon 1980  
BA Kalamazoo College 1976  

**James William Banks, MD**  
Instructor in Clinical Medicine (primary appointment)  
MD Marshall University 1984  

**Dhruv Bansal, MD**  
Instructor in Medicine (primary appointment)  
MD University of New Mexico 2011  

**Abraham Barake, MD**
Thomas J Baranski, MD, PHD
Associate Professor of Medicine (primary appointment)
Associate Professor of Developmental Biology
BS Univ of Wisconsin Madison 1985
MD Washington Univ in St. Louis 1992
PHD Washington Univ in St. Louis 1992

Rachel Hannah Bardowell, MD
Assistant Professor of Medicine (primary appointment)
MD University of Miami 2009

Philip M Barger, MD
Associate Professor of Medicine (primary appointment)
MD Case Western Reserve Univ 1989

Ernie-Paul Barrette, MD, MA
Associate Professor of Medicine (primary appointment)
BS University of Rhode Island 1982
MD Harvard University 1990
MA Harvard University 1984

Thomas Joseph Bartholet, MD, MD1
Instructor in Clinical Medicine (primary appointment)
MD Dartmouth College 1992
MD1 Brown University 1994
BS Georgetown University 1990

Nancy Lee Bartlett, MS, MD
Koman Professor of Medical Oncology in Medicine (primary appointment)
BS Stanford University 1978
MS Mass Inst of Technology (MIT) 1979
MD Washington Univ in St. Louis 1986

Robert W Barton, MD, PHD
Assistant Professor of Clinical Medicine (primary appointment)
MD University of Chicago 1967
PHD University of Chicago 1967
BS University of Chicago 1962

Jeannine Basta
Assistant Professor of Medicine (primary appointment)

Luis Francisco Zirnberger Batista, PHD
Assistant Professor of Medicine (primary appointment)
Assistant Professor of Developmental Biology
PHD University of SAO Paulo 2008
BS University of SAO Paulo 2003

Brian John Bausano, MD
Associate Professor of Emergency Medicine in Medicine
(Pending Executive Faculty Approval) (primary appointment)
MD Baylor University 2004

Frederick D Bauschard, MD
Assistant Professor of Clinical Medicine (Dermatology) (primary appointment)
BA Allegheny College 1964
MD University of Pittsburgh 1968

Michael D Bavlsik, MD
Assistant Professor of Clinical Medicine (primary appointment)
BS Seton Hall University 1987
MD Rutgers University 1991

Susan Joy Bayliss, MD
Professor of Medicine (Dermatology) (primary appointment)
Professor of Pediatrics
BA University of Texas Austin 1970
MD University of Texas Galveston 1974

Robert W Barton, MD
Instructor in Clinical Medicine (primary appointment)
BS Tulane University 1960
MD Tulane University 1964

Richard C Bell, MD
Instructor in Clinical Medicine (Dermatology) (primary appointment)
BA Northwestern University 1984
MD Washington Univ in St. Louis 1988

William Waite Benedict, MD
Instructor in Clinical Medicine (primary appointment)
MD Washington Univ in St. Louis 1975
BS University of Illinois 1971

Bruno Antonio Benitez Viloria, MD
Instructor in Medicine (primary appointment)
MD Universidad Nacional de Columb 2003

Michael Charles Bennett, MD
Instructor in Medicine (primary appointment)
MD Vanderbilt University 2010

Susan Berdy, MD
Assistant Professor of Clinical Medicine (primary appointment)
BA Brown University 1980
MD Saint Louis University 1984

Daniel Ralph Berg, MD
Assistant Professor of Clinical Medicine (primary appointment)
MD Washington Univ in St. Louis 2000
BS Brown University 1994

Michael A Berk, MD
Professor of Clinical Medicine (primary appointment)
BA Northwestern University 1974
MD Indiana University Bloomington 1979

Carlos Bernal-Mizrachi, MD
Philip E & Carolyn E Cryer Professor of Medicine (primary appointment)
Associate Professor of Cell Biology and Physiology
MD Universidad del Valle Med Sch 1990
Marc Jordan Bernstein, MD
Associate Professor of Clinical Medicine (primary appointment)
MD Washington Univ in St. Louis 1992
BA Haverford College 1988

Keith A Bernstein, MD
Instructor in Clinical Medicine (primary appointment)
BA University of MO Kansas City 1987
MD University of Missouri 1987

Douglas R Berson, MD
Instructor in Clinical Medicine (primary appointment)
BA Lehigh University 1981
MD University of Pennsylvania 1983

Amit Indra Bery, MD
Instructor in Medicine (primary appointment)
MD Washington Univ in St. Louis 2014

Anita R. Bhandiwad, MD
Associate Professor of Medicine (primary appointment)
BA Northwestern University 1994
MD Northwestern University 1998

Mythili C. Bharadwaj, UNKNOWN
Instructor in Clinical Medicine (primary appointment)
UNKNOWN University of Madras 1988

Rakhee Kapadia Bhayani, MD
Associate Professor of Medicine (primary appointment)
MD Washington Univ in St. Louis 1999

Stanley I Biel, MD
Instructor in Clinical Medicine (primary appointment)
BA Rockford College 1974
MD University of Illinois 1978

Michael Biersmith, MD
Instructor in Medicine (primary appointment)
BS University of Notre Dame 2010
MD Eastern Virginia Med School 2014

Joseph John Billadello, MD
Associate Professor of Medicine (primary appointment)
BS State University of New York 1973
MD Georgetown University 1978

Ellen F Binder, MD
Professor of Medicine (primary appointment)
Professor of Occupational Therapy
MD Washington Univ in St. Louis 1981
BA Davenport University 1977

William D Birenbaum, MD
Instructor in Clinical Medicine (primary appointment)
BA Washington Univ in St. Louis 1978
MD University of Missouri 1983

Stanley J Birge, MD
Associate Professor of Medicine (primary appointment)
MD Washington Univ in St. Louis 1963

BA Amherst College 1959

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

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

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
Instructor in 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, MS, PHD
Assistant Professor of Medicine (primary appointment)
Assistant Professor of Molecular Microbiology
Assistant Professor of Pathology and Immunology
MS University of Amsterdam 1997
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
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<tr>
<td>Jamie Marie Borgmann</td>
<td>Instructor in Clinical Medicine (primary appointment)</td>
</tr>
<tr>
<td>Benjamin A Borowsky, MD</td>
<td>Professor of Clinical Medicine (primary appointment)</td>
</tr>
<tr>
<td>Steven H. Borson, MD</td>
<td>Instructor in Medicine (primary appointment)</td>
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<td>Jonathan D Bortz, MD</td>
<td>Instructor in Clinical Medicine (primary appointment)</td>
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<tr>
<td>Ron Bose, PHD1, PHD, MD</td>
<td>Associate Professor of Medicine (primary appointment)</td>
</tr>
<tr>
<td>Matthew S Bosner, MD</td>
<td>Assistant Professor of Clinical Medicine (primary appointment)</td>
</tr>
<tr>
<td>William G Bowen, MD</td>
<td>Associate Professor of Clinical Medicine (primary appointment)</td>
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<tr>
<td>Lyndsey Jean Bowman, PHD</td>
<td>Adjunct Instructor in Medicine (primary appointment)</td>
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<tr>
<td>Sabina A Braithwaite, MPH, MD</td>
<td>Associate Professor of Emergency Medicine In Medicine (Pending Executive Faculty Approval)</td>
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<tr>
<td>Joseph Brancheck, MD</td>
<td>Instructor in Medicine (primary appointment)</td>
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<tr>
<td>Richard D. Brasington Jr, MD</td>
<td>Professor of Medicine (primary appointment)</td>
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<td>Alan C Braverman, MD</td>
<td>Alumni Endowed Professor of Cardiovascular Disease in Medicine (primary appointment)</td>
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<td>Andrea Lynn Bredemeyer, PHD</td>
<td>Instructor in Medicine (primary appointment)</td>
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<tr>
<td>Daniel C Brennan, MD</td>
<td>Professor of Medicine (primary appointment)</td>
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<td>Matthew S Bosner, MD</td>
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<td>Alan C Braverman, MD</td>
<td>Alumni Endowed Professor of Cardiovascular Disease in Medicine (primary appointment)</td>
</tr>
<tr>
<td>MD University of Missouri</td>
<td>1985</td>
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<tr>
<td>Andrea Lynn Bredemeyer, PHD</td>
<td>Instructor in Medicine (primary appointment)</td>
</tr>
<tr>
<td>PHD Washington Univ in St. Louis</td>
<td>2006</td>
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<td>BA Colby College 1999</td>
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<td>Daniel C Brennan, MD</td>
<td>Professor of Medicine (primary appointment)</td>
</tr>
<tr>
<td>MD University of Iowa</td>
<td>1985</td>
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<tr>
<td>BS Cornell College 1981</td>
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<tr>
<td>Audrey Brenot, BS1, PHD, MS</td>
<td>Instructor in Medicine (primary appointment)</td>
</tr>
<tr>
<td>BS University of Paris</td>
<td>1996</td>
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<td>1997</td>
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<tr>
<td>Thomas J. Brett, PHD</td>
<td>Associate Professor of Medicine (primary appointment)</td>
</tr>
<tr>
<td>Associate Professor of Biochemistry and Molecular Biophysics</td>
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<td>Associate Professor of Cell Biology and Physiology</td>
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<td>PHD University of Nebraska</td>
<td>1999</td>
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<tr>
<td>BS North Dakota State University</td>
<td>1992</td>
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<tr>
<td>Matthew Brinkmeier, MD, BS1</td>
<td>Instructor in Medicine (primary appointment)</td>
</tr>
<tr>
<td>MD Washington Univ in St. Louis</td>
<td>2007</td>
</tr>
<tr>
<td>BS1 Washington Univ in St. Louis</td>
<td>2001</td>
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<tr>
<td>Steven L Brody, MD</td>
<td>Dorothy R and Hubert C Moog Professor of Pulmonary Diseases in Medicine (primary appointment)</td>
</tr>
<tr>
<td>Professor of Radiology</td>
<td></td>
</tr>
<tr>
<td>MD University of Michigan</td>
<td>1980</td>
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<tr>
<td>Rita Thomas Brookheart, PHD</td>
<td>Instructor in Medicine (primary appointment)</td>
</tr>
<tr>
<td>PHD Washington Univ in St. Louis</td>
<td>2009</td>
</tr>
<tr>
<td>BA Sweet Briar College</td>
<td>2003</td>
</tr>
<tr>
<td>Christopher B. Brooks, MD</td>
<td>Associate Professor of Emergency Medicine in Medicine (primary appointment)</td>
</tr>
<tr>
<td>MD Georgetown University</td>
<td>1982</td>
</tr>
<tr>
<td>Angela L Brown, MD</td>
<td>Associate Professor of Medicine (primary appointment)</td>
</tr>
<tr>
<td>MD Washington Univ in St. Louis</td>
<td>1992</td>
</tr>
<tr>
<td>BS Southern Methodist University</td>
<td>1987</td>
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<tr>
<td>Lawrence R Brown, MD, PHD</td>
<td>Assistant Professor of Emergency Medicine in Medicine (primary appointment)</td>
</tr>
<tr>
<td>BS Univ of Wisconsin Madison</td>
<td>1982</td>
</tr>
<tr>
<td>MD Washington Univ in St. Louis</td>
<td>1990</td>
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</table>
David L. Brown, MD  
Professor of Medicine (primary appointment)  
MD Baylor University 1982  
BA University of Texas Austin 1977

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

Robert M Bruce, MD  
Professor of Clinical Medicine (primary appointment)  
BS University of Minnesota 1968  
BA Washington Univ in St. Louis 1964  
MD University of Minnesota 1968

Kathleen S Brunts, MD  
Instructor in Clinical Medicine (primary appointment)  
MD Saint Louis University 1981  
BS Western Michigan University 1977

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

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

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

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

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

Melvin J Butler  
Instructor in Clinical Medicine (primary appointment)

Anne Mobley Butler, PHD, MS  
Instructor in Medicine (primary appointment)  
Instructor in Surgery (Public Health Sciences)  
BS Emory University 2003

Kathleen S Brunts, MD  
Instructor in Clinical Medicine (primary appointment)  
MD Saint Louis University 1981  
BS Western Michigan University 1977

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Instructor in Clinical Medicine (primary appointment)  
BS Princeton University 1973  
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BS Western Michigan University 1977

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

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

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

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

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

Melvin J Butler  
Instructor in Clinical Medicine (primary appointment)
Alan A and Edith L Wolff Distinguished Professor of Geriatric Medicine
Professor of Neurology
MD University of MO Columbia 1985
BA University of MO Columbia 1981

Scott Carrizales, MD
Assistant Professor of Medicine (Dermatology) (primary appointment)
MD Uniformed Serv U of Health Sciences 1996
BA University of Texas Austin 1992

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

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

Roque Castillo
Assistant Professor of Medicine (primary appointment)

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

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

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

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

Kari Terece Chambers, PHD
Instructor in Medicine (primary appointment)
BS Truman State University 2000
PHD Saint Louis University 2007

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

BA Northwestern University 2009

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

Monica Chang-Panesso, MD
Instructor in 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

Siroth 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)
MD Harvard University 1964
BA Princeton University 1960

Salman Chaudhry
Instructor in Medicine (primary appointment)

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
Associate 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
PHD Washington Univ in St. Louis 2012
BS University of Michigan 2003

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

Jacqueline W. Chen, AB, MD  
Instructor in Medicine (primary appointment)  
AB Washington Univ in St. Louis 2010  
MD Washington Univ in St. Louis 2014

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 Coll 2005  
BS Washington Univ in St. Louis 1998

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

Mathew Amprayil Cherian, MBBS  
Instructor in Medicine (primary appointment)  
MBBS Christian Medical College 2000

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

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

Phillip Ruben Chisholm  
Instructor in Clinical Medicine (primary appointment)

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

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

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

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

Philip Chu, MD  
Instructor in Medicine (primary appointment)  
MD Univ of Texas Med Sch Houston 2016  
BS Rice University 2010

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

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

Jeffrey Peter Ciaramita  
Instructor in Clinical Medicine (primary appointment)

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

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

Matthew Aaron Ciorba, 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
BS Ohio State University 1972
MD Ohio State University 1975

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)
MD University of Illinois 1991
BS Northwestern University 1986

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

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)
BS MO S&T (formerly UofMO Rolla) 1973
MD Washington Univ in St. Louis 1978
MS University of CA Berkeley 1974

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

Daniel Horatio Cooper, MD
Assistant 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, MD, BN
Winfred A and Emma R Showman Professor of Dermatology in
Medicine (primary appointment)
MD University of Missouri 1984
BN University of Delaware 1977

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)
MD Washington Univ in St. Louis 2004
BS Louisiana St University 2000

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
PHD Northwestern University 2007
BS Beloit College 2003

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

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

Charles Creceius, PHD, MD
Assistant Professor of Clinical Medicine (primary appointment)
BA Carleton University 1976
PHD Saint Louis University 1984
MD Saint Louis University 1984

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

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

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

Paulina Cruz Bravo, MD
Instructor in Medicine (primary appointment)
MD Universidad Autonoma de Madrid 2009

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

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

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

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

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
PHD Saint Louis University 2009
BS University of MO Columbia 1983

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

MD Harvard University 1951

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

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

Peter G Danis
Instructor in Clinical Medicine (primary appointment)

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

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

Carlos Colton Daughaday, MD
Professor of Medicine (primary appointment)
BA Harvard University 1967
MD Washington Univ in St. Louis 1971

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)
MD Washington Univ in St. Louis 1952
BA Washington Univ in St. Louis 1948

Victor G Davila-Roman, MD
Professor of Medicine (primary appointment)
Professor of Anesthesiology
Professor of Radiology
MD University of Puerto Rico 1981
Amber Zimmer Deptola, MD  
Assistant Professor of Medicine (primary appointment)  
BS Miami University 2008  
MD University of Louisville 2012

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

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

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

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

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

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

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

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

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

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

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

Bethany L. Dement, MD  
Instructor in Medicine (primary appointment)  
MD Southeast Missouri St Univers 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

Thomas Edward Davis  
Instructor in Clinical Medicine (primary appointment)

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

Thomas M De Fer, MD  
Professor of Medicine (primary appointment)  
MD University of Missouri 1989  
BA University of Missouri 1985

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

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

Amber Zimmer Deptola, MD  
Assistant Professor of Medicine (primary appointment)  
BS Miami University 2008  
MD University of Louisville 2012
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)
BS University of Notre Dame 1984
MD Washington Univ in St. Louis 1988

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)
MD Washington Univ in St. Louis 1972
BA Washington Univ in St. Louis 1969

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

Balraj Doray, PHD
Assistant Professor of Medicine (primary appointment)
PHD University of Illinois 1999
BS Southern Illinois University 1993

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

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

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

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)
MD University of Missouri 1988
BA University of Missouri 1988

Edward Harry DuMontier
Instructor in Clinical Medicine (primary appointment)

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

Kirsten F Dunn, MD
Instructor in Medicine (primary appointment)
BS Harvard University 2007
MD Saint Louis University 2012

Julia Passyn Dunn, MD, MS
Assistant Professor of Medicine (primary appointment)
MD University of South Alabama 2002
BS Auburn University 1998
MS Vanderbilt University 2010

Michael Joseph Durkin, MD, M PH1
Assistant Professor of Medicine (primary appointment)
MD Medical College of Wisconsin 2008
M PH1 University of North Carolina 2015
BA Illinois Wesleyan University 2004

Tiffany Biason Dy, MD
Assistant Professor of Medicine (primary appointment)
BS University of Miami 2005
MD Univ Texas Health Science Ctr 2009

E

William Charles Eades Jr, BEE
Associate Professor of Medicine (primary appointment)
BEE MO S&T (formerly UofMO Rolla) 1982

Dayna S Early, MD
Professor of Medicine (primary appointment)
MD University of Missouri 1990
BA University of Missouri 1986

Royal J Eaton, MD
Instructor in Clinical Medicine (primary appointment)
BA University of Missouri 1960
MD University of Missouri 1964

Charmaine E. Edwards, MD
Instructor in Clinical Medicine (primary appointment)
BS Alcorn State University 1987
MD Howard University 1992

John R. Edwards, PHD
Associate Professor of Medicine (primary appointment)
PHD Columbia University 2003

Stillianos Efstratiadis
Assistant Professor of Clinical Medicine (primary appointment)

Russell E Eggebrecht, MD
Associate Professor of Clinical Medicine (primary appointment)
MD Washington Univ in St. Louis 1971
BS University of Illinois 1967

Ali A Ehsani, MD
Professor of Medicine (primary appointment)
MD Tehran University 1965

Zamir Eidelman, MD
Associate Professor of Clinical Medicine (primary appointment)
MD School Not Listed 1987

Seth A Eisen, MD, MS
Professor of Medicine (primary appointment)
BA Reed College 1963
MD Washington Univ in St. Louis 1966
MS Harvard University 1989

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

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

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

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

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

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

Bradley A Evanoff, M PH, MD
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
M PH University of Washington 1993
BA Cornell University 1982
MD Washington Univ in St. Louis 1986

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)
BS University of Illinois 1985
MD Northwestern University 1989

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

Mitch N Faddis, MD, PHD
Professor of Medicine (primary appointment)
BS Kansas State University 1985
MD Washington Univ in St. Louis 1993
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
PHD Ohio State University 2000
BS State Univ of NY Buffalo 1994

Herman L Ferrell, MD
Instructor in Clinical Medicine (primary appointment)
BS University of Arkansas 1973
MD University of Arkansas 1975

Brian N. Finck, PHD, MS
Associate Professor of Medicine (primary appointment)
PHD University of Illinois 2000
MS University of Illinois 1996
BS University of Illinois 1994

Lewis Conrad Fischbein, MD
Associate Professor of Clinical Medicine (primary appointment)
BA University of Rochester 1970
MD Washington Univ in St. Louis 1974

Peter Uwe Fischer, PHD, MS
Professor of Medicine (primary appointment)
PHD University of Hamburg 1996
MS Free University of Berlin 1991

Norman Fishman, MD
Assistant Professor of Clinical Medicine (primary appointment)
MD School Not Listed 1974
BA School Not Listed 1970

Sean C. Fitzmaurice, MD
Instructor in Emergency Medicine in Medicine (primary appointment)
MD Saint Louis University 1995
BS Georgetown University 1989

Jaquelyn F Fleckenstein, MD
Professor of Medicine (primary appointment)
MD Saint Louis University 1985
BA Cornell University 1981

James M Fleckenstein, MD
Associate Professor of Medicine (primary appointment)
MD Saint Louis University 1985
BS Xavier University 1981

Avegail Gascon Flores, MD
Assistant Professor of Medicine (primary appointment)
MD University of Pittsburgh 2007

Raymond Bamvi Fohtung, MD
Instructor in Medicine (primary appointment)
BS Univ of Wisconsin Whitewater 2010
MD Washington Univ in St. Louis 2014

Emily Fondahn, MD
Assistant Professor of Medicine (primary appointment)
MD Northwestern University 2008

Luigi Fontana, MD, PHD
Professor of Medicine (primary appointment)
MD University of Verona 1994
PHD University of Padova 2004

Randi Elizabeth Foraker, MA, PHD
Associate Professor of Medicine (primary appointment)
MA University of Iowa 1999
PHD University North Carolina 2010
BA University of Iowa 1997

Glennon Joseph Fox, MD
Instructor in Clinical Medicine (primary appointment)
MD University of MO Columbia 1984

Judy Ann Frain, BN, PHD, MSN
Adjunct Assistant Professor of Medicine (primary appointment)
BN Webster University 2003
PHD University of MO St Louis 2013
MSN Saint Louis University 2004

Victoria J Fraser, MD
Adolphus Busch Professor of Medicine (primary appointment)
Head of the Department of Internal Medicine
BS William Woods College 1978
MD University of MO Columbia 1983

James Matthew Freer, MD
Assistant Professor of Medicine (primary appointment)
BS Truman State University 1998
MD University of MO Columbia 2002

Deborah Frenchie, MD
Instructor in Clinical Medicine (primary appointment)
MD Washington Univ in St. Louis 1993
BA Washington Univ in St. Louis 1984

Jeffrey Friesen, MD
Instructor in Medicine (primary appointment)
MD University of CA Irvine 2014

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

Brian R. Froelke, MD
Assistant Professor of Emergency Medicine in Medicine (primary appointment)
MD University of Cincinnati 2002

Michael Paul Fuller, MD
Associate Professor of Clinical Medicine (primary appointment)
BA Brigham Young University 1990
MD University of Utah 1994

Brian M Fuller, MD
Associate Professor of Emergency Medicine in Medicine (primary appointment)
Associate Professor of Anesthesiology
BA University of Alabama 1998
MD University of Alabama 2003

Suzanne Furesz
Instructor in Clinical Medicine (primary appointment)

Gary Gaddis, PHD, MD
Professor of Emergency Medicine in Medicine (Pending Executive Faculty Approval) (primary appointment)
PHD Indiana State University 1984
MD Indiana University School of M 1986

Brian F Gage, MD, MS
Professor of Medicine (primary appointment)
BS Stanford University 1984
MD University of California 1988
MS Stanford University 1995

Daniel Galtan, MD
Associate Professor of Clinical Medicine (primary appointment)
BS University of AL Birmingham 1980
MD University of Mississippi 1986

Arthur H Gale, MD
Associate Professor of Clinical Medicine (primary appointment)
MD University of Missouri 1959
BS Washington Univ in St. Louis 1955

Jane M. Garbutt, MHS, MBCHB
Professor of Medicine (primary appointment)
Professor of Pediatrics
MHS University of Toronto 1988
MBCHB Bristol University 1977

John A Garcia, MD, MBA
Instructor in Clinical Medicine (primary appointment)
BA Carleton College 1985
MD University of Illinois 1990
MBA University of MO St Louis 1998

Jacquelyn B Garrett, MD
Instructor in Clinical Medicine (Dermatology) (primary appointment)
MD Howard University 1985
BS Howard University 1983

Francisco J Garriga, MD
Instructor in Clinical Medicine (primary appointment)
BS University of Puerto Rico 1966
MD Washington Univ in St. Louis 1970

Felicitas Z Gatachalian, MD
Instructor in Clinical Medicine (primary appointment)
MD University of Santo Tomas 1976
BS University of Santo Tomas 1970

Joseph H Gatewood, MD
Instructor in Emergency Medicine in Medicine (primary appointment)
BA Swarthmore College 1966
MD University of Chicago 1970

William M Gee, MD
Instructor in Clinical Medicine (primary appointment)
MD Washington Univ in St. Louis 1981
BA Cornell College 1977

Richard A Geisman, MD
Instructor in Clinical Medicine (primary appointment)
BS Saint Louis University 1979
MD Tulane University 1983

Edward M Geltman, MD
Professor of Medicine (primary appointment)
Assistant Professor of Radiology
MD New York University 1971
BS Mass Inst of Technology (MIT) 1967

Ige A George, MBBS
Assistant Professor of Medicine (primary appointment)
MBBS Christian Medical College 1998

Mate Gergely, MD
Instructor in Medicine (primary appointment)
BS University of Texas Austin 2010
MD Texas A&M University 2014

Armin Ghobadi, MD
Assistant Professor of Medicine (primary appointment)
MD Iran Univ of Medical Sciences 2001

Matthew John Gibfried, MD
Instructor in Clinical Medicine (primary appointment)
MD University of MO Columbia 2003

Stephen James Giddings, PHD, MD
Associate Professor of Medicine (primary appointment)
PHD Dartmouth College 1973
MD University of Rochester 1976
BA Dartmouth College 1968

Thomas J Girard, PHD
Assistant Professor of Medicine (primary appointment)
PHD Iowa State University 1985
BS Univ of Wisconsin Oshkosh 1979

Margo Renee Girardi, MD
Assistant Professor of Medicine (primary appointment)
MD Saint Louis University 2005
BS University of Illinois 2001

Gardar T Gislason
Adjunct Instructor in Medicine (primary appointment)
Josephine Lee Aguhob Glaser
Instructor in Clinical Medicine (primary appointment)

Marye J Gleva, MD
Professor of Medicine (primary appointment)
MD University of Washington 1988
BA Wellesley College 1984

Andrew S Gold, MD
Instructor in Clinical Medicine (primary appointment)
BS University of Illinois 1985
MD University of Iowa 1989

Gregory I Goldberg, PHD, MA
Professor of Medicine (Dermatology) (primary appointment)
Professor of Biochemistry and Molecular Biophysics
PhD Weizmann Institute of Science 1977
MA Moscow State University 1969

Anne Carol Goldberg, MD
Professor of Medicine (primary appointment)
BA Harvard University 1973
MD University of Maryland 1977

Daniel E Goldberg, PHD, MD
David M and Paula L Kipnis Distinguished Professor (primary appointment)
Professor of Molecular Microbiology
PhD Washington Univ in St. Louis 1985
MD Washington Univ in St. Louis 1985
BA Harvard University 1978

Seth Goldberg, MD
Associate Professor of Medicine (primary appointment)
MD University of South Florida 2003
BS University of South Florida 1999

Scott Ryan Goldsmith, MD
Instructor in Medicine (primary appointment)
MD University of Florida 2013

Benjamin M Goldstein, MD
Associate Professor of Clinical Medicine (primary appointment)
MD Washington Univ in St. Louis 1964
BA Washington Univ in St. Louis 1960

Felicia Ismay Gomez, PHD
Instructor in Medicine (primary appointment)
PhD George Washington University 2015

Maria Cristina Gonzalez-Mayda, MD
Assistant Professor of Medicine (primary appointment)
MD University of Puerto Rico 2008
BS University of Puerto Rico 2004

Daniel M Goodenberger, MD
Professor of Medicine (primary appointment)
MD Duke University 1974
BS University of Nebraska 1970

John Gorcsan III, MD
Professor of Medicine (Pending Executive Faculty Approval)
BA Lehigh University 1979
MD Pennsylvania State University 1983

Mary Jo Gorman, MBA, MD
Instructor in Clinical Medicine (primary appointment)
MBA Washington Univ in St. Louis 1996
BA Saint Louis University 1981
MD Southern Illinois University 1984

Ramamswamy Govindan, MD
Professor of Medicine (primary appointment)
MD University of Madras 1986

Siddhesh Gowda, MD
Associate Professor of Clinical Medicine (primary appointment)
MD School Not Listed 1970

Gregory Alan Grant, PHD
Professor of Biochemistry in Medicine (Dermatology) (primary appointment)
Professor of Developmental Biology
BS Iowa State University 1971
PHD Univ of Wisconsin Madison 1975

Alfred Greco, MD
Assistant Professor of Medicine (Pending Executive Faculty Approval)
BA University of MO St Louis 1971
MD University of MO Columbia 1975

Jonathan M Green, MD
Professor of Medicine (primary appointment)
Associate Dean for Human Studies
Professor of Pathology and Immunology
BS University of Michigan 1982
MD Wayne State University 1986

Aaron Greenspan
Instructor in Clinical Medicine (primary appointment)

Mark H Gregory, MD
Assistant Professor of Clinical Medicine (primary appointment)
BA University of Vermont 1982
MD University of Vermont 1986

Walter Blake Gribben, MD
Instructor in Medicine (primary appointment)
MD University of Alabama 2010

Richard T Grifey Jr, MD, M PH
Associate Professor of Emergency Medicine in Medicine (primary appointment)
MD Norfolk General Hospital 1977
M PH Harvard University 2004

Malachi Griffith, PHD, BS1
Assistant Professor of Medicine (primary appointment)
Assistant Professor of Genetics
PHD University of British Columbia 2010
BS University of Winnipeg 2002

Obi Lee Griffith, PHD
Assistant Professor of Medicine (primary appointment)
Assistant Professor of Genetics
BS University of Winnipeg 2002
PHD British Columbia Open Univ 2008

Scott D. Groesch, MD
Instructor in Clinical Medicine (primary appointment)
BS University of Illinois 1990
MD Washington Univ in St. Louis 1994

John Groll, MD
Instructor in Clinical Medicine (primary appointment)
MD University of Illinois 1988
BA Illinois Wesleyan University 1984

Richard Warren Gross, MD, PHD, AB
Professor of Medicine (primary appointment)
Professor of Chemistry
Professor of Developmental Biology
MD New York University 1976
PHD Washington Univ in St. Louis 1982
AB Columbia University 1972

Brian Anthony Grus, MD
Instructor in Clinical Medicine (primary appointment)
BS University of Pittsburgh 1988
MD University of Pennsylvania 1992

Guner B Gulmen, PHD, MD
Assistant Professor of Clinical Medicine (primary appointment)
PHD University of Minnesota 1974
MD School Not Listed 1969

Vijayanthanath R. Gunasingham, MD
Instructor in Clinical Medicine (primary appointment)
BS School Not Listed 1975
MD School Not Listed 1982

Mark Cobb Gunby, DOST
Assistant Professor of Clinical Medicine (primary appointment)
DOST Oklahoma St University 1988
BS University of Tulsa 1981

Maria Gurrieri, MD, DIP
Instructor in Clinical Medicine (primary appointment)
MD Catholic University 1989
DIP School Not Listed 1982

Kamal Gursahani, MD, MBA
Associate Professor of Medicine in Emergency Medicine
(Pending Executive Faculty Approval) (primary appointment)
MD University of MO Columbia 2002
MBA Saint Louis University 2012
BA Columbia University 1997

Reena Gurung, MD
Instructor in Medicine (primary appointment)
MD Kathmandu University 2007

Alexandra Gutierrez, M PH, MD
Associate Professor of Medicine (primary appointment)
M PH Harvard University 2006
MD Case Western Reserve Univ 2000
BS Brown University 1996

Chandra Prakash Gyawali, MBBS, MD
Professor of Medicine (primary appointment)
MBBS University of Calicut 1985
MD University of Calicut 1990

Ramsey R Hachem, BA1, MD1, MD
Professor of Medicine (primary appointment)
Tracey C Marshall - Dr. Elbert P Trulock Distinguished Professor of Medicine
BA1 Southern Methodist University 1992
MD1 University of Texas Southwest 1997
BA Southern Methodist University 1992
MD University of Texas Southwest 1997

Matthew D Hageman, MD
Instructor in Clinical Medicine (primary appointment)
MD Saint Louis University 1996

Jennifer Christine Hagopian
Adjunct Instructor in Medicine (primary appointment)

Ashfaq H Hakim, MD, MBBS
Instructor in Clinical Medicine (primary appointment)
MD RNT Medical College 1973
MBBS RNT Medical College 1968

Ilia Gueorguev Halatchev, MD
Assistant Professor of Medicine (primary appointment)
MD Oregon Health Science Univers 2007

Sarah Eliza Halcomb, MD
Assistant Professor of Emergency Medicine in Medicine (primary appointment)
MD Royal College of Surgeons 2000

Angela Marie Hall, PHD
Assistant Professor of Medicine (primary appointment)
PHD Univ of Minnesota Twin Cities 2005
BS University of MO Columbia 1999

Ira McCarthy Hall, PHD
Associate Professor of Medicine (primary appointment)
Associate Director of the Genome Center
Associate Professor of Genetics
BS University of CA Berkeley 1998
PHD Cold Spring Harbor Laboratory 2003

Yasir A Hamad, MD
Instructor in Medicine (primary appointment)
Stephanie M Hammer, MD
Instructor in Clinical Medicine (primary appointment)
MD University of Juba 2004

Zahirul Haque
Instructor in Clinical Medicine (primary appointment)

Annie Chamren Harmon, MS, PHD
Instructor in Medicine (primary appointment)
MS Missouri College 2010
PHD University of Michigan 2016
BA University of Evansville 2004

Charles A. Harris, PHD, MD
Assistant Professor of Medicine (primary appointment)
Assistant Professor of Developmental Biology
BS Brown University 1994
PHD Washington Univ in St. Louis 2002
MD Washington Univ in St. Louis 2002

Lydia-Ann Lynell Harris, PHD
Instructor in Medicine (primary appointment)
PHD State University of New York 2011

Jeffrey A Haspel, PHD, MD
Assistant Professor of Medicine (primary appointment)
BS Binghamton University 1994
PHD New York U. School of Medicine 2001
MD New York U. School of Medicine 2003

Anisa Hassan, MD
Instructor in Clinical Medicine (primary appointment)
MD Dow Medical College Karachi 1976

Thomas F Hastings, MD
Instructor in Clinical Medicine (primary appointment)
MD University of Missouri 1986
BA Rockhurst College 1981

Krysta Lynn Heath, MD
Instructor in Medicine (primary appointment)
MD University of AR Med Sciences 2011

James N Heins, MD
Professor of Clinical Medicine (primary appointment)
Adjunct Professor of Medicine
MD University of Louisville 1961
BA University of Louisville 1957

Laura Elaina Heitsch, MD
Assistant Professor of Emergency Medicine in Medicine (primary appointment)
Assistant Professor of Neurology
BS University of Illinois 1999
MD University of Illinois 2005

Jason M Held, PHD
Assistant Professor of Medicine (primary appointment)
Assistant Professor of Anesthesiology

PhD University of San Francisco 2006
BS Duke University 2001

Jeffrey P. Henderson, PHD, MD
Associate Professor of Medicine (primary appointment)
Associate Professor of Molecular Microbiology
PHD Washington Univ in St. Louis 2002
BS Univ of Wisconsin Madison 1994
MD Washington Univ in St. Louis 2002

Katherine Eileen Henderson, MD
Assistant Professor of Clinical Medicine (primary appointment)
BS Univ of Wisconsin Madison 1993
MD University of Minnesota 1998

Kristina Louise Henderson, MD
Instructor in Clinical Medicine (primary appointment)
BA Saint Louis University 1982
MD Saint Louis University 1991

Daniel Robert Herleth
Instructor in Clinical Medicine (primary appointment)

Catherine Hermann, M ENG, MD
Instructor in Clinical Medicine (primary appointment)
BA Truman State University 1992
M ENG Univ of Southern Mississippi 1993
MD Washington Univ in St. Louis 2000

Leonel F. Hernandez Aya, MD
Assistant Professor of Medicine (primary appointment)
MD Universidad Nacional de Columb 2007

Cynthia Joan Herrick, MD
Assistant Professor of Medicine (primary appointment)
BS Princeton University 2002
MD Washington Univ in St. Louis 2006

Andreas Herrlich, PHD, MD
Associate Professor of Medicine (primary appointment)
PHD Freie University 1998
MD Freie University 1994

Scot G Hickman, MD
Professor of Medicine (primary appointment)
BA Duke University 1966
MD Washington Univ in St. Louis 1970

Stuart T. Higano, MD
Instructor in Clinical Medicine (primary appointment)
MD University of Massachusetts 1984

SueLin Ming Hilbert, MD
Assistant Professor of Emergency Medicine in Medicine (primary appointment)
MD University of Utah 2006

Elizabeth Hilliker, MA, MD
Assistant Professor of Emergency Medicine in Medicine (primary appointment)
MA Washington Univ in St. Louis 1970
John T. Milliken Department of Medicine (05/09/18)

BA Washington Univ in St. Louis 1965
MD Washington Univ in St. Louis 1970

Paul Flack Hintze, MD
Assistant Professor of Clinical Medicine (primary appointment)
BS Brigham Young University 1974
MD University of Utah 1978

Angela Christine Hirbe, MD, PHD
Assistant Professor of Medicine (primary appointment)
MD Washington Univ in St. Louis 2009
PHD Washington Univ in St. Louis 2009
BS Washington Univ in St. Louis 2001

Grant S. Hoekzema, MD
Instructor in Clinical Medicine (primary appointment)
MD Washington Univ in St. Louis 1992

J. Langston Hoffman, MD
Instructor in Clinical Medicine (primary appointment)
MD Washington Univ in St. Louis 1999
BS Univ of Wisconsin Madison 1994

Sandra S Hoffmann, MD
Instructor in Clinical Medicine (primary appointment)
MD University of Kansas 1976
BA University of Kansas 1972

Melissa Louise Hollie
Instructor in Clinical Medicine (primary appointment)

Christopher Vincent Holthaus, MD
Assistant Professor of Emergency Medicine in Medicine (primary appointment)
MD Saint Louis University 2000

Michael J Holtzman, MD
Selma and Herman Seldin Professor of Medicine (primary appointment)
Professor of Cell Biology and Physiology
BA Northwestern University 1971
MD Northwestern University 1975

Neal Holzum
Instructor in Clinical Medicine (primary appointment)

Hitoshi Honda
Adjunct Assistant Professor of Medicine (primary appointment)

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

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

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

Timothy Adam Horwedel, PHD
Adjunct Instructor in Medicine (primary appointment)
PHD Northeastern University 2008

Jianghui Hou, MS, PHD
Associate Professor of Medicine (primary appointment)
BS Nanjing University 1999
MS Edinburgh University 2000
PHD Edinburgh University 2003

Dennis Emil Hourcade, PHD, MA
Professor of Medicine (primary appointment)
BS Mass Inst of Technology (MIT) 1971
PHD Harvard University 1978
MA Harvard University 1974

Stacey L House, PHD, MD
Assistant Professor of Emergency Medicine in Medicine (primary appointment)
PHD University of Cincinnati 2005
MD University of Cincinnati 2007
BS Yale University 1999

Jacqueline Howard, UNKNOWN
Instructor in Clinical Medicine (primary appointment)
UNKNOWN School Not Listed 1995

Randall A Howell, MD
Assistant Professor of Emergency Medicine in Medicine (primary appointment)
MD Kansas State University 1978
BS Kansas State University 1974

David Thomas Howell
Instructor in Clinical Medicine (primary appointment)

James J Hsieh, PHD, MD
Professor of Medicine (primary appointment)
PHD John Hopkins University 1995
MD Taipei Medical University 1990

Chyi-Song Hsieh, MD, PHD
Associate Professor of Medicine (primary appointment)
Alan A and Edith L Wolff Distinguished Professor
Associate Professor of Pathology and Immunology
MD Washington Univ in St. Louis 1996
PHD Washington Univ in St. Louis 1996

Fong Fu Hsu, MS, PHD
Professor of Medicine (primary appointment)
MS Tsinghua University, China 1975
PHD University of Utah 1986
BS School Not Listed 1970
Kevin Hsueh, BS1, MD
Assistant Professor of Medicine (primary appointment)
BS1 Williams College 2003
BS Williams College 2003
MD New York University 2008

Raymond J Hu, MD
Instructor in Clinical Medicine (primary appointment)
MD University of Missouri 1982
BA Saint Louis University 1977

Yafei Huang, MS, PHD
Instructor in Medicine (primary appointment)
MS Beijing Medical University 2000
PHD Univ of Texas Med Sch Houston 2007

Wei-Wei Huang
Instructor in Clinical Medicine (Dermatology) (primary appointment)

John W Hubert, MD
Associate Professor of Clinical Medicine (primary appointment)
BA Wabash College 1971
MD Washington Univ in St. Louis 1975

Elizabeth Stack Huebner, MD
Assistant Professor of Medicine (primary appointment)
MD Loyola University Chicago 2000
BA Washington Univ in St. Louis 1995

Laura Huff, MD
Assistant Professor of Medicine (Dermatology) (primary appointment)
MD U of Colorado Health Sci Ctr 2011
BS Colorado St University 2006

Jing Hughes, MD
Instructor in Medicine (primary appointment)
MD University of Pennsylvania 2009
BS Stanford University 2002

Michael Evan Hughes, PHD, MS
Assistant Professor of Medicine (primary appointment)
BS Stanford University 2002
PHD Harvard University 2007
MS Stanford University 2002

Benjamin Duane Humphreys, MD, PHD, AB
Associate Professor of Medicine (primary appointment)
Associate Professor of Developmental Biology
MD Case Western Reserve Univ 1998
PHD Case Western Reserve Univ 2000
AB Harvard University 1991

Eva A Hurst, MD
Associate Professor of Medicine (Dermatology) (primary appointment)
MD Washington Univ in St. Louis 2002

Mark Albert Hurt, MD
Instructor in Clinical Medicine (Dermatology) (primary appointment)
BS Southeast Missouri St Univers 1978
MD University of Missouri 1982

Richard G. Ihnat, MD
Instructor in Clinical Medicine (primary appointment)
MD Yale University 1991
BS Rutgers University 1987

Belinda K. Ireland, MD
Adjunct Assistant Professor of Medicine (primary appointment)
MD University of MO Columbia 1976

Warren Isakow, MD
Associate Professor of Medicine (primary appointment)
MD University of the Witwatersra 1998

Eva Susanne Istvan, PHD
Assistant Professor of Medicine (primary appointment)
HHMI Specialist II
BS University of Houston 1993
PHD University of Texas Southwest 2000

Carolyn M Jachna, MD
Assistant Professor of Medicine (primary appointment)
BS Washington Univ in St. Louis 1993
MD Northwestern University Med 1998

Daryl Jacobs, MD, ME
Instructor in Clinical Medicine (primary appointment)
BS Washington Univ in St. Louis 1977
MD Washington Univ in St. Louis 1983
ME Carnegie Mellon University 1979

Myron H Jacobs, MD
Instructor in Clinical Medicine (primary appointment)
BA Vanderbilt University 1965
MD Louisiana St Univ Hlth Sci 1969

Steven Jacobson, MD
Instructor in Clinical Medicine (primary appointment)
MD Saint Louis University 1985
BS Rhodes College 1981

Meagan A. Jacoby, PHD, MD
Assistant Professor of Medicine (primary appointment)
PHD Washington Univ in St. Louis 2005
BS Johns Hopkins University 1996
MD Washington Univ in St. Louis 2005

Sudhir Kumar Jain, MBBS
Associate Professor of Medicine (primary appointment)
MBBS Maulana Azad Medical College 1986

Poonam Jain, JD, MD
Assistant Professor of Medicine (primary appointment)
JD Saint Louis University 2004
BS University of Iowa 1984
MD University of Iowa 1988

Sanjay Jain, PhD, MD
Associate Professor of Medicine (primary appointment)
Associate Professor of Pathology and Immunology
PHD Northwestern University 1998
MD Northwestern University 1999
BA University of California 1990

George Jarad, MD
Associate Professor of Medicine (primary appointment)
MD Damascus U. Medical School 1993

Sina Jasim, M PH, MBCHB
Assistant Professor of Medicine (Pending Executive Faculty Approval) (primary appointment)
M PH Saint Louis University 2008
MBCHB University of Baghdad 2001

Daniel Ragin Jasper, MD
Instructor in Clinical Medicine (primary appointment)
BA University of Texas Austin 1990
MD Saint Louis University 1994

Anuja Java, MD
Instructor in Medicine (primary appointment)
MD Government Medical College 2002

Ali Javaheri, PHD, MD
Instructor in Medicine (primary appointment)
PHD University of Chicago 2006
BA University of Chicago 2000
BS University of Chicago 2000
MD University of Chicago 2008

Donna Beth Jeffe, MA, PHD
Professor of Medicine (primary appointment)
MA Washington Univ in St. Louis 1990
PHD Washington Univ in St. Louis 1993
BA Washington Univ in St. Louis 1972

Christopher M. Jenkins, PHD
Assistant Professor of Medicine (primary appointment)
PHD Vanderbilt University 1997
BS Michigan State University 1991

Maya Jerath, MD, PHD, MS
Professor of Medicine (primary appointment)
MD University of Vermont 2000
PHD University of Texas Austin 1992
MS University of Texas Austin 1990

Xuntian Jiang, PHD
Assistant Professor of Medicine (primary appointment)
PHD China Pharmaceutical Univ 1992

Morris Joftus, MD
Assistant Professor of Clinical Medicine (primary appointment)

MD University of Illinois 1967

Eric Keith Johnson, MD
Instructor in Medicine (primary appointment)
MD Univ of Wisconsin Madison 1999

William F Johnson
Adjunct Instructor in Medicine (primary appointment)

Reuben D Johnson, BS1, BE, MD
Assistant Professor of Emergency Medicine in Medicine (primary appointment)
BS1 Morehouse College 1996
BE Georgia Tech 1996
MD Howard University College of M 2002

Christopher Jones, MD
Instructor in Medicine (primary appointment)
MD University of Kansas Medical 2014

Heather Jones, MD
Assistant Professor of Medicine (Dermatology) (Pending Executive Faculty Approval) (primary appointment)
MD University of Texas Galveston 2011
BS Michigan State University 2007

Amy M Joseph, MD
Professor of Medicine (primary appointment)
BA Johnston Community College 1977
MD Vanderbilt University 1986

Barbara Jost, MS, MD
Instructor in Clinical Medicine (primary appointment)
BS University of Missouri 1993
MS Northwestern University 1995
MD Saint Louis University 1997

Randall S Jotte, MD
Associate Professor of Emergency Medicine in Medicine (primary appointment)
MD Harvard University 1987

Karen Ellen Joyn Maddox, MD
Assistant Professor of Medicine (primary appointment)
Assistant Professor of Social Work
MD Duke University 2004
BA Princeton University 2000

K

Brad S Kahl, MD
Professor of Medicine (primary appointment)
BS University of Wisconsin-Madiso 1989
MD Tufts University 1994

Caroline Holleck Kahle, MD
Assistant Professor of Medicine (primary appointment)
MD University of North Carolina 2006

Vinay Gopal Kamat, MD
Instructor in Clinical Medicine (primary appointment)
MD University of Pennsylvania 1994

Sona Sharad Kamat
Instructor in Clinical Medicine (primary appointment)

Deborah Shipley Kane, MD
Assistant Professor of Emergency Medicine in Medicine (primary appointment)
BA University of MO Kansas City 2006
MD University of MO Kansas City 2006

Patricia F Kao, MS2, BE, MD
Associate Professor of Medicine (primary appointment)
MS2 Ohio State University 1997
BE Princeton University 1994
MD Case Western Reserve Univ 2001

Robert S Karsh, MD
Professor of Clinical Medicine (primary appointment)
BA Washington Univ in St. Louis 1951
MD Washington Univ in St. Louis 1952

Andrew M. Kates, MD
Professor of Medicine (primary appointment)
BS Tufts University 1990
MD Tufts University 1994

Shashi Krishna Katukoori, MS, MD
Instructor in Medicine (primary appointment)
MS Eastern Kentucky University 2010
BS Kakatiya Medical College 2004
MD Saint Louis University 2011

David A Katzman, MD
Instructor in Clinical Medicine (primary appointment)
BA Brown University 1986
MD Saint Louis University 1991

Andrew L. Kau, MD, PHD
Assistant Professor of Medicine (primary appointment)
BS Emory University 1998
MD Washington Univ in St. Louis 2006
PHD Washington St University 2006

Charles Kaufman, PHD, MD
Assistant Professor of Medicine (primary appointment)
Assistant Professor of Developmental Biology
PHD University of Chicago 2003
MD University of Chicago 2005
BA Washington Univ in St. Louis 1997

Robert L Kaufman, MD
Assistant Professor of Clinical Medicine (primary appointment)
MD Washington Univ in St. Louis 1963
BA Washington Univ in St. Louis 1959

Elizabeth Jane Keath, PHD
Assistant Professor of Medicine (primary appointment)
PHD Saint Louis University 1985
BA University of MO St Louis 1978

BA University of MO St Louis 1978

Dalius Kedainis, MD
Instructor in Clinical Medicine (primary appointment)
MD Kaunas University of Medicine 1998

Eirini Kefalogianni, PHD
Instructor in Medicine (primary appointment)
BS University of Athens 2002
PHD University of Athens 2007

Jesse Wade Keller, MD
Instructor in Medicine (primary appointment)
MD Johns Hopkins University Med 2009
BS University of Tulsa 2006

Daniel P Kelly, MD
Adjunct Professor of Medicine (primary appointment)
MD University of Illinois 1982
BS University of Illinois 1978

Charlotte J Kennedy, PHD, MD
Assistant Professor of Clinical Medicine (primary appointment)
PHD Washington Univ in St. Louis 1992
MD Washington Univ in St. Louis 1992
BA Agnes Scott College 1984

Joseph L Kenzora, MD
Associate Professor of Medicine (primary appointment)
MD University of New Mexico 1975

Martin Hurley Kerrigan, MD
Assistant Professor of Medicine (primary appointment)
BS Saint Josephs University 2001
MD Jefferson Medical College 2005

Ahmed Sultan Khan
Adjunct Instructor in Medicine (primary appointment)

Thomas B Kibby, MD, MPH
Instructor in Emergency Medicine in Medicine (primary appointment)
MD Eastern Virginia Med School 1979
MPH North Carolina School of the 1988

George Kichura, MD
Instructor in Clinical Medicine (primary appointment)
MD Saint Louis University 1993

Daniel Jason Kichura, MD
Instructor in Medicine (primary appointment)
BA Indiana University 2008
MD Israel Institute of Technology 2012

Mary Kiehl, AS, MD
Assistant Professor of Clinical Medicine (primary appointment)
BA University of California 1985
AS Long Beach City College 1976
MD University of California 1990

Kenneth Richard Kilian, MD
Instructor in Clinical Medicine (primary appointment)
Charles John Kilo, MD
Instructor in Clinical Medicine (primary appointment)
MD Washington Univ in St. Louis 1991
BA University of Kansas 1987

Alfred Kim, PHD, 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

Albert J Kim, MD
Instructor in Emergency Medicine in Medicine (primary appointment)
MD Northwestern University 2009
BS University of Chicago 2005

Brian Kim, MD
Assistant Professor of Medicine (Dermatology) (primary appointment)
Assistant Professor of Anesthesiology
Assistant Professor of Pathology and Immunology
BS Haverford College 2001
MD University of Washington 2007

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)
BA Southern Methodist University 1997
MD Washington Univ in St. Louis 2001

Rosa Anne Kincaid, MD
Instructor in Clinical Medicine (primary appointment)
MD Temple University 1984
BA City College 1970

Donald Kevin King, MD
Assistant Professor of Clinical Medicine (primary appointment)
BA Fairfield University 1966
MD Johns Hopkins University Med 1970

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

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

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

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

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

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

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

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)
MD Washington Univ in St. Louis 2006
BS Davidson College 2001

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

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

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)
MD Washington Univ in St. Louis 1978
BS Stanford University 1974

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)
MD University of Illinois 1984
BA University of Notre Dame 1980

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
MD Washington Univ in St. Louis 1962
BA Dartmouth College 1958

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

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

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

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

Ronald J Krone, MD
Professor of Medicine (primary appointment)
John E Simon Scholar in Medicine
MD University of Chicago 1966
BS University of Michigan 1962

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

Kilannin Cathleen Kryskiak, PHD
Instructor in Medicine (primary appointment)
PHD Washington Univ in St. Louis 2014
BS University of Illinois 2006

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

Ralph F Kuhlman, MD
Assistant Professor of Clinical Medicine (primary appointment)
MD University of Illinois 1964
Frederick Matthew Kuhlmann, MD  
Instructor in 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  
MD Harvard University 1970  
BA Princeton University 1966

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

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

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

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

Vladimir Kushnir, MD  
Assistant 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)  
BA Univ of IL -Urbana-Champaign 2005  
DOST Chicago Coll of OsteopathicMed 2009  
BS Univ of IL -Urbana-Champaign 2005

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

Albert Max Lai, M PHIL, MS, MA, PHD  
Associate Professor of Medicine (primary appointment)  
M PHIL Columbia University 2005  
MS Columbia University 2001  
MA Columbia University 2004  
BS Columbia University 2000  
PHD Columbia University 2007

Roop Lal, MS  
Instructor in Clinical Medicine (primary appointment)  
MS Osmania Medical College 1971

Michael A. Lane, MD, MS  
Assistant Professor of Medicine (primary appointment)  
MD Drexel University 2004  
MS John Hopkins University 2000  
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, MD, MS, PHD  
Oliver M Langenberg Distinguished Professor of Science and Practice of Medicine (primary appointment)  
James R Hornsby Family Professor in Biomedical Sciences  
Professor of Biomedical Engineering  
MD Northwestern University 1992  
MS University of Georgia 1978  
BA Colby College 1975  
PHD University of Georgia 1981

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

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)  
PHD Saint Louis University 1979  
MD University of Connecticut 1983  
BA Drew University 1975

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  
MD Washington Univ in St. Louis 1997  
BS Rose Hulman Institute 1992

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)  
BS Knox College 2003  
MD University of North Carolina 2011  
PHD University of North Carolina 2009

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

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

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

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

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

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

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

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

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

Kian-Huat Lim, PHD, MD  
Assistant Professor of Medicine (primary appointment)  
PHD Duke University 2006  
MD National Taiwan University 1999

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

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

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

Daniel C Link, MD
Alan A and Edith L Wolff Distinguished Professor of Medicine  
(secondary 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  
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  
Instructor in 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, MS, PHD  
Instructor in Medicine (primary appointment)  
MS Southeast Missouri St Univers 1999  
BS School Not Listed 1986  
PHD Washington Univ in St. Louis 2005  
Lin Liu, A, BAS, PHD  
Instructor in Medicine (primary appointment)  
A University of Texas Southwest 2015  
BAS Huazhong University of Science 2005  
PHD Huazhong University of Science 2011  
Adam Edward Locke, PHD  
Assistant Professor of Medicine (primary appointment)  
BA Lawrence University 2003  
PHD Emory University 2010  
Amy Loden, MD  
Assistant Professor of Medicine (primary appointment)  
MD University of MO Columbia 2010  
Irfan J Lodhi, PHD, MS  
Assistant Professor of Medicine (primary appointment)  
PHD University of Michigan 2007  
MS Wayne State University 1996  
BS University of Michigan 1993  
Beverly A Logan-Morrison, MD  
Instructor in Clinical Medicine (primary appointment)  
MD Washington Univ in St. Louis 1982  
BA Webster University 1976  
Andrea Loiselle, M PH, MD  
Assistant Professor of Medicine (primary appointment)  
M PH California State University 1999  
BS University of California 1995  
MD Drexel University 2005  
Gregory D Longmore, MS, MD  
Professor of Medicine (primary appointment)  
Professor of Cell Biology and Physiology  
MS University of Toronto 1979  
BS University of Western Ontario 1977  
MD McGill University 1983  
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, MBA, MD  
Instructor in Clinical Medicine (primary appointment)  
BA Hendrix College 1981  
MBA Washington Univ in St. Louis 1997  
MD University of Arkansas 1985  
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  
MBBS University of Adelaide 1963  
BS School Not Listed 1957  
Kenneth M Ludmerer, MA, MD  
Professor of Medicine (primary appointment)  
Mabel Dorn-Reeder Distinguished Professor of the History of  
Medicine  
MA Johns Hopkins University 1971  
MD Johns Hopkins University 1973  
BA Harvard University 1968  
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, MD, MLS
Assistant Professor of Medicine (primary appointment)
MD University of Iowa 1999
MLS Indiana University Bloomington 1983
BA Indiana University Bloomington 1982

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

Christopher Raymond Lynch
Instructor in Clinical Medicine (primary appointment)

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

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

M

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

Cynthia Xiuguang Ma, MD, PHD
Associate Professor of Medicine (primary appointment)
MD Beijing Medical University 1990
PHD University of Cincinnati 1997

Ningning Ma, MD
Instructor in Medicine (primary appointment)
BA Washington Univ in St. Louis 2009
MD Case Western Reserve Univ 2013

Jessica E Ma, MD
Instructor in Medicine (primary appointment)
MD Texas A&M University 2014

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

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

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

Jambunathan Mahadevan
Instructor in Clinical Medicine (primary appointment)

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

Nicole Maher, PHD
Instructor in Medicine (primary appointment)
PHD Case Western Reserve Univ 2007
BA Ithaca College 1998

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
PHD Washington Univ in St. Louis 1994
BA Washington Univ in St. Louis 1986
BS Washington Univ in St. Louis 1986
MD Saint Louis University 1998

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

Mary Kathryn Malecek, MD
Instructor in Medicine (primary appointment)
MD University of Illinois Chicago 2014
BS University of Notre Dame 2010

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)
BA Trinity College Dublin 2000
MBCHB1 Royal College of Surgeons 2005

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)
MS Sarah Lawrence College 1988
BS Indiana University Bloomington 1986
MD Indiana University Bloomington 1993

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

George Mansour, MD
Instructor in Medicine (primary appointment)
MD Tishreen Univ College of Med 2010

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)
MD University of Missouri 1972
BA De Paul University 1968

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)
BS Saint Louis University 1961
MD Saint Louis University 1965

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

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

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
BS University of Illinois 1990
MBA Washington Univ in St. Louis 1999

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

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

Scot J. Matkovich, PHD
Assistant Professor of Medicine (primary appointment)
BA University of Melbourne 1995
BS University of Melbourne 1996
PHD University of Melbourne 2000

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

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

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
Catherine Jordan McCarthy, PHD, MD  
Instructor in Medicine (primary appointment)  
BA Agnes Scott College 2005  
PHD Washington Univ in St. Louis 2014  
MD Washington Univ in St. Louis 2014

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

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

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

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, MS, AS, DPT  
Associate Professor of Emergency Medicine in Medicine (primary appointment)  
Associate Professor of Orthopaedic Surgery  
Associate Professor of Physical Therapy  
MS Washington Univ in St. Louis 1990  
BS Washington Univ in St. Louis 1990  
AS Oakton Community College 2000  
DPT Washington Univ in St. Louis 2005

Cheryl Riddle McDonough, MD  
Assistant Professor of Medicine (primary appointment)  
MD University of Tennessee 2001  
BS Vanderbilt University 1997

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

Janet B McGill, MD, MA  
Professor of Medicine (primary appointment)  
MD Michigan State University 1979  
MA Northern Michigan University 1980  
BS University of Michigan 1972

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

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

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

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

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)  
BS 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)  
MD University of Miami 1977  
BA University of Missouri 1972

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)  
BS School Not Listed 1970  
MD School Not Listed 1976

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

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

Scott Micek, MD
Adjunct Instructor in Medicine (primary appointment)  
MD University of Iowa 1999

Gina Michael, MD  
Instructor in Clinical Medicine (primary appointment)  
BS University of Missouri 1978  
MD Duke University 1982

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)  
BS School Not Listed 1968  
MD Washington Univ in St. Louis 1972

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  
BS University of California 1991  
PHD University of California 1996

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

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

Jason C Mills, AB, PHD, MD1, MD  
Professor of Medicine (primary appointment)  
Professor of Developmental Biology  
Professor of Pathology and Immunology  
AB Washington Univ in St. Louis 1989  
BA Washington Univ in St. Louis 1989  
PHD University of Pennsylvania 1997  
MD1 University of Pennsylvania 1997

Graeme Mindel, MBBCH, MS  
Instructor in Clinical Medicine (primary appointment)  
MBBCH University of the Witwatersra 1992  
MS University of the Witwatersra 1992

Jeffrey H Miner, PHD  
Professor of Medicine (primary appointment)  
Professor of Cell Biology and Physiology  
PHD California Institute Technolo 1991  
BA Northwestern University 1985

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

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

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

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

C. Scott Molden, MD  
Instructor in Clinical Medicine (primary appointment)  
BA De Paul University 1968  
MD Case Western Reserve Univ 1972

Hector D Molina-Vicenty, MD  
Associate Professor of Medicine (primary appointment)  
Associate Professor of Pathology and Immunology  
BS University of Puerto Rico 1982  
MD University of Puerto Rico 1985

Jennifer Marie Monroy, MD  
Assistant Professor of Medicine (primary appointment)  
MD Univ Texas Health Science Ctr 2008  
BS Incarnate Word College 2003

Austin F Montgomery, MD  
Instructor in Clinical Medicine (primary appointment)  
BA Washington Univ in St. Louis 1950  
BS University of Missouri 1952  
MD University of Pittsburgh 1954
Sung Ho Moon, MS, PHD  
Instructor in Medicine (primary appointment)  
BS Yonsei University 1997  
MS Yonsei University 1999  
PHD Washington Univ in St. Louis 2006

Nathan Moore, MD  
Instructor in Clinical Medicine (primary appointment)  
MD Washington Univ in St. Louis 2013  
BS Texas College 2007

Timothy D Moore  
Instructor in Clinical Medicine (primary appointment)

Daniel Morgensztern, MD  
Associate Professor of Medicine (primary appointment)  
MD FTE Souza Marques 1995

Donald G Morris, MS, MD  
Instructor in Clinical Medicine (primary appointment)  
MS Saint Louis University 1989  
BA Benedictine College 1987  
MD University of Missouri 1993

Aubrey R Morrison, MBBS  
Professor of Medicine (primary appointment)  
Professor of Developmental Biology  
MBBS University of London 1970

Hawnwan P Moy, MD  
Assistant Professor of Emergency Medicine in Medicine (primary appointment)  
MD Loyola University Chicago 2008  
BS Benedictine University 2004

Jessica Mozersky, MS, PHD  
Assistant Professor of Medicine (primary appointment)  
BS University of Toronto 1998  
MS University of Pennsylvania 2017  
PHD University College London 2010

Richard Gerard Mrad  
Instructor in Clinical Medicine (primary appointment)  
BA University of Missouri 1981

Philip Mudd, PHD, MD  
Instructor in Emergency Medicine in Medicine (primary appointment)  
PHD Univ of Wisconsin Madison 2011  
MD University of Wisconsin-Madiso 2013

Kristen L Mueller, MD  
Assistant Professor of Emergency Medicine in Medicine (primary appointment)  
MD Medical College of Wisconsin 2010

Faquir Muhammud  
Instructor in Clinical Medicine (primary appointment)

Joshua Mutambuki Mula, PHD  
Instructor in Medicine (primary appointment)

BA University of Nairobi 2003  
PHD Western Michigan University 2010

Daniel Kast Mullady, MD  
Associate Professor of Medicine (primary appointment)  
MD University of Connecticut 2001

Monalisa Mullick, MD  
Assistant Professor of Medicine (primary appointment)  
Assistant Professor of Pediatrics  
MD University of MO Kansas City 1997

Michael E Mullins, MD  
Associate Professor of Emergency Medicine in Medicine (primary appointment)  
MD Hahnemann University 1987

Steven Robert Mumm, MS, PHD  
Associate Professor of Medicine (primary appointment)  
MS University of Missouri 1984  
PHD Saint Louis University 1992  
BS University of Missouri 1978

Amy Musiek, MD  
Associate Professor of Medicine (Dermatology) (primary appointment)  
MD Vanderbilt University 2004  
BS College of William and Mary 1999

Umadevi Muthyala  
Instructor in Clinical Medicine (primary appointment)

Elna M Nagasako, MD, PHD  
Assistant Professor of Medicine (primary appointment)  
BS Pomona College 1991  
MD Washington Univ in St. Louis 2007  
PHD University of Rochester 2001

Michael J. Naughton, MD  
Associate Professor of Medicine (primary appointment)  
BA Williams College 1989  
MD State Univ of NY Buffalo 1993

Rosanne S Naunheim, MD  
Associate Professor of Emergency Medicine in Medicine (primary appointment)  
MD University of Chicago 1978  
BA Carleton College 1970

Robert F Nese Jr, MA, PHD  
Adjunct Associate Professor of Medicine (primary appointment)  
MA Stanford University 1981
PHD Stanford University 1989
BS University of California 1980

Burton M Needles, MD
Instructor in Clinical Medicine (primary appointment)
BS City College 1970
MD Loyola University Chicago 1974

Kathleen Nemer, MD
Instructor in Medicine (Dermatology) (primary appointment)
MD Vanderbilt University 2013

Jeanne M Nerbonne, PHD
Professor of Medicine (primary appointment)
Alumni Endowed Professor of Molecular Biology and Pharmacology in Developmental Biology
BS Framingham State College 1974
PHD Georgetown University 1978

Rodney D Newberry, MD
Professor of Medicine (primary appointment)
MD Washington Univ in St. Louis 1991
BA Washington Univ in St. Louis 1987

Elizabeth P. Newberry, PHD
Assistant Professor of Medicine (primary appointment)
PHD Washington Univ in St. Louis 1995
BA Knox College 1988

Amy C Ney, MD
Instructor in Clinical Medicine (Dermatology) (primary appointment)
BS Mary Washington College 1997
MD University of Virginia 2001

Nguyet Minh Nguyen, MD, BS1, MD1
Assistant Professor of Medicine (primary appointment)
MD Wayne State University 1993
BS1 University of Michigan 1989
MD1 Wayne State University 1993
BS University of Michigan 1989

Elizabeth Nieman, MD
Assistant Professor of Medicine (Dermatology) (Pending Executive Faculty Approval) (primary appointment)
MD University of MO Columbia 2012

Joan P Noelker, MD
Instructor in Emergency Medicine in Medicine (primary appointment)
MD Royal College of Surgeons 2010
BA University of Virginia 2004

Amit Noheria, MD, MS
Assistant Professor of Medicine (primary appointment)
MD All-India Inst of Medical Sci 2006
MS Harvard University 2007

Lemuel Benedict R Non, MD
Instructor in Medicine (primary appointment)
BS Mindanao State University 2003
MD University of the Philippines 2008

Scott Monroe Nordlicht, MD
Professor of Medicine (primary appointment)
MD State University of New York 1973
BA Columbia University 1969

Tracy Wynette Norfleet, MD
Instructor in Clinical Medicine (primary appointment)
MD Louisiana St Univ Hlth Sci 2002
BS Xavier University Louisiana 1998

Sabrina Nunez, PHD
Assistant Professor of Medicine (primary appointment)
Assistant Professor of Genetics
BS University of CA Berkeley 1999
PHD Stony Brook School of Medicine 2007

Samuel R Nussbaum, MD
Professor of Clinical Medicine (primary appointment)
MD School Not Listed 1973
BA New York University 1969

Muhammad Akram Nyazee, UNKNOWN, UNKNOWN1
Instructor in Clinical Medicine (primary appointment)
UNKNOWN Govt College Sarhodha 1968
UNKNOWN1 Nishtar Medical College Multa 1974

Frank Joseph O'Brien, MBBCH
Assistant Professor of Medicine (primary appointment)
MBBCH University College Cork 2006

G Patrick O'Donnell, MD
Instructor in Clinical Medicine (primary appointment)
BA University of Kansas 1972
MD School Not Listed 1977

Julie O'Neal, PHD
Instructor in Medicine (primary appointment)
BS University of MO Columbia 1999
PHD Washington Univ in St. Louis 2009

Andrew John Odden, MD
Assistant Professor of Medicine (primary appointment)
MD University of Minnesota 2007
BS Gustavus Adolphus College 2003

Devin Christopher Odom, MD
Assistant Professor of Medicine (primary appointment)
MD Wake Forest University 2010

Stephen T. Oh, MD, PHD
Assistant Professor of Medicine (primary appointment)
Assistant Professor of Pathology and Immunology
BS Harvard University 1996
MD Northwestern University 2004
PHD Northwestern University 2002
Adewole L. Okunade, PHD
Associate Professor of Medicine (primary appointment)
PHD University of Ibadan 1981
BS University of Ibadan 1975

George Charles Oliver, MD
Professor Emeritus of Clinical Medicine (primary appointment)
BA Harvard University 1953
MD Harvard University 1957

Margaret Olsen, PHD, MPH
Professor of Medicine (primary appointment)
Professor of Surgery (Public Health Sciences)
BS Southern Illinois University 1976
PHD University of Pennsylvania 1986
MPH Saint Louis University 2001

Robert F Onder Jr, MD
Assistant Professor of Clinical Medicine (primary appointment)
BA Washington Univ in St. Louis 1983
MD Washington Univ in St. Louis 1987

S. Michael Orgel, MD
Instructor in Clinical Medicine (primary appointment)
BA Washington Univ in St. Louis 1960
MD Saint Louis University 1965

Matthew J Orland, MD
Associate Professor of Clinical Medicine (primary appointment)
BS Yale University 1975
MD University of MO Columbia 2008

David William Ortbals, MD
Assistant Professor of Clinical Medicine (primary appointment)
BS Saint Louis University 1966
MD Washington Univ in St. Louis 1970

Daniel Scott Ory, MD
Professor of Medicine (primary appointment)
Alan A and Edith L Wolff Professor of Cardiology
Professor of Cell Biology and Physiology
BA Harvard University 1982
MD Harvard University 1986

Richard E Ostlund Jr, MD
Professor of Medicine (primary appointment)
MD University of Utah 1970
BS University of Utah 1966

Theodore Otii, UNKNOWN
Instructor in Clinical Medicine (primary appointment)
UNKNOWN School Not Listed 1983

Jiafu Ou, MD
Assistant Professor of Medicine (primary appointment)
MD Sun Yat-Sen University 1995

Edgar Turner Overton, MD
Adjunct Assistant Professor of Medicine (primary appointment)
BA University of Tennessee 1992
MD University of Tennessee 1999

Toshinao Oyama, MS, PHD
Instructor in Medicine (primary appointment)
MS Chiba University 2002
PHD Chiba University 2017
BS Kitasato University 2000

P

Vani Pachalla, MD
Instructor in Clinical Medicine (primary appointment)
MD School Not Listed 1990

Russell Kent Pachynski, MD
Assistant Professor of Medicine (primary appointment)
MD Univ of Wisconsin Madison 2003
BS Stanford University 1994

Robert C Packman, MD
Professor of Clinical Medicine (primary appointment)
BS University of Missouri 1954
BA Washington Univ in St. Louis 1953
MD Washington Univ in St. Louis 1956

Ross Ian Palis, MD
Instructor in Clinical Medicine (primary appointment)
BS Duke University 1998
MD Vanderbilt University 2002

Peter D Panagos, MD, MA
Professor of Emergency Medicine in Medicine (primary appointment)
Professor of Neurology
MD Emory University 1994
MA Boston University 1994
BA Dartmouth College 1987

Anupam S Pande, MBBS, MS
Instructor in Medicine (primary appointment)
MBBS Byramjee Jeejeebhoy Medical Co 2009
MS University of Texas Houston 2011

Joseph Pangelinan, MA, PHD
Assistant Professor in Medicine (primary appointment)
MA Southeast Missouri St Univers 1995
PHD University of MO St Louis 2015

Stephanie Sun-Young Park
Instructor in Clinical Medicine (primary appointment)

Andrew Yong-Woo Park, MD
Instructor in Medicine (primary appointment)
MD St. George's University 2006
BA Yale University 1995
Haeseong Park, MS, MD
Assistant Professor of Medicine (primary appointment)
MS Johns Hopkins University Med 2007
BS Seoul National University 2001
MD Seoul National University 2006

Deborah L Parks, MD
Professor of Medicine (primary appointment)
BA Washington Univ in St. Louis 1978
MD University of Louisville 1982

David A Parks, MD, MBA
Associate Professor of Clinical Medicine (primary appointment)
BS University of MO Rolla 1979
MD Saint Louis University 1994
MBA Southern Illinois University 1985

Rajiv Nanu Patel, MD
Instructor in Clinical Medicine (primary appointment)
MD Saba University School of Med 2001

Rupa R Patel, M PH, MD
Assistant Professor of Medicine (primary appointment)
M PH Johns Hopkins University 2012
BA University of Michigan 2000
MD Wayne State University 2004

Urvi Patel, MD
Assistant Professor of Medicine (Dermatology) (primary appointment)
BA Kent St University 2007
MD University of Tenn Memphis 2011

Amanullah Pathan, MS, UNKNOWN1, UNKNOWN
Instructor in Clinical Medicine (primary appointment)
MS School Not Listed 1969
UNKNOWN1 School Not Listed 1969

Bruce Patterson, PHD
Professor of Medicine (primary appointment)
BS Southern Illinois University 1974
PHD University of Illinois 1980

Philip Richard Orrin Payne, PHD, MA
Professor of Medicine (primary appointment)
Professor of Computer Science and Engineering
Robert J Terry Professor
BA University of CA San Diego 1999
PHD Columbia University 2006
MA Columbia University 2000

Susan E Pearson, BFA, MS, DOST, PHD
Instructor in Clinical Medicine (primary appointment)
BFA Southern Methodist University 1977
MS Central Michigan University 1984
DOST School Not Listed 1992
PHD University of Southwestern Lo 1986

Chelsea Elizabeth Pearson, MD
Instructor in Clinical Medicine (primary appointment)
MD Washington Univ in St. Louis 2013

Katrina Sophia Pedersen, MS, MD
Assistant Professor of Medicine (primary appointment)
MS University of Iowa 2005
BA Grinnell College 2003
MD Southern Illinois University 2009

Marybeth Pereira, MD
Associate Professor of Clinical Medicine (primary appointment)
BA Swarthmore College 1973
MD University of California 1978

Julio E Perez, MD
Professor of Medicine (primary appointment)
BS University of Puerto Rico 1970
MD University of Puerto Rico 1973

Laurence F Perlstein, MD
Instructor in Clinical Medicine (primary appointment)
BS Tulane University 1967
MD University of Louisville 1974

Linda R Peterson, MD
Professor of Medicine (primary appointment)
Professor of Radiology
MD Washington Univ in St. Louis 1990
BS Georgetown University 1986

Timothy Richard Peterson, PHD
Assistant Professor of Medicine (primary appointment)
BS University of Michigan 1999
PHD Mass Inst of Technology (MIT) 2010

Lindsay L Peterson, MD
Assistant Professor of Medicine (primary appointment)
BS Tulane University 2000
MD Tulane University 2006

Allegra Petti, PHD
Assistant Professor of Medicine (primary appointment)
PHD Emory University 2010
BS Lawrence University 2003

Christine T Pham, MD
Professor of Medicine (primary appointment)
Professor of Pathology and Immunology
MD University of Florida 1985
BS University of Florida 1981

David Tuan Pham, MD
Instructor in Medicine (primary appointment)
BS University of Oklahoma 2010
Jennifer A Philips, PHD, PHD, MD  
Assistant Professor of Medicine (primary appointment)  
Assistant Professor of Molecular Microbiology  
PHD University of CA San Francisco 1998  
PHD University of CA San Francisco 2015  
MD University of CA San Francisco 2000  
BA Columbia University 1991  

William J Phillips, MD  
Assistant Professor of Clinical Medicine (primary appointment)  
BA Ohio State University 1959  
MD Washington Univ in St. Louis 1963  

Joel Picus, MD  
Professor of Medicine (primary appointment)  
BS University of Illinois 1979  
BA University of Illinois 1979  
MD Harvard University 1984  

Stephen J Pieper, MD  
Instructor in Clinical Medicine (primary appointment)  
BA Washington Univ in St. Louis 1983  
MD Washington Univ in St. Louis 1988  

Bryan Douglas Piotrowski, MD  
Instructor in Clinical Medicine (primary appointment)  
MD Saint Louis University 2004  

Beatrice Plougastel Douglas, PHD  
Instructor in Medicine (primary appointment)  
PHD University of Pierre et Marie 1994  

Doug Pogue, MD  
Instructor in Clinical Medicine (primary appointment)  
MD Washington Univ in St. Louis 1996  

Robert Francis Poirier Jr, MD  
Assistant Professor of Emergency Medicine in Medicine (primary appointment)  
MD American U of Carribean SchMed 1999  

Donovan Polack, MD  
Assistant Professor of Clinical Medicine (primary appointment)  
MD Cornell University 1979  

Gregory Polites, MD  
Associate Professor of Emergency Medicine in Medicine (primary appointment)  
MD University of Illinois Chicago 1996  

Kenneth S Polonsky, MBBCH  
Adjunct Professor of Medicine (primary appointment)  
MBBCH University of the Witwatersra 1973  

Katherine P Ponder, MD  
Professor of Medicine (primary appointment)  
Professor of Biochemistry and Molecular Biophysics  
BS Stanford University 1979  
MD Washington Univ in St. Louis 1983  

Makhawadee Pongruangporn, MD  
Instructor in Clinical Medicine (primary appointment)  
MD Chiang Mai University 2001  

Harish Ponnuru, MD  
Instructor in Clinical Medicine (primary appointment)  
MD University of Missouri 1995  
BA University of MO Kansas City 1995  

William J Popovic, MD  
Assistant Professor of Medicine (Pending Executive Faculty Approval) (primary appointment)  
BS John Carroll University 1967  
MD Saint Louis University 1971  

Lee S Portnoff, MD, MA  
Assistant Professor of Clinical Medicine (Dermatology) (primary appointment)  
BS Purdue University 1972  
MD Washington Univ in St. Louis 1978  
MA University of California 1974  

Daniel E Potts, MD  
Associate Professor of Clinical Medicine (primary appointment)  
BS Beaufort Technical College 1968  
MD Washington Univ in St. Louis 1972  

William G Powderly, MD  
J. William Campbell Professor of Medicine (primary appointment)  
Larry J. Shapiro Director of the Institute of Public Health  
MD National University of Irelan 1979  

John A Powell, MD  
Assistant Professor of Clinical Medicine (Dermatology) (primary appointment)  
BS University of Notre Dame 1967  
MD University of Michigan 1971  

Jennifer Lynn Powers, PHD  
Assistant Professor of Medicine (primary appointment)  
BS Union University 1988  
PHD Georgia Tech 1993  

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

Diana A Prablek, MD  
Instructor in Clinical Medicine (primary appointment)  
MD Southwestern University 1988  
BA Texas Christian University 1984  

Simeon Prager, MD  
Assistant Professor of Clinical Medicine (primary appointment)  
MD University of California 1991  
BA Yale University 1981  

Vajravel M Prasad  
Adjunct Instructor in Medicine (primary appointment)
Christopher William Prater, MD  
Instructor in Medicine (primary appointment)  
MD Michigan State University 2017

David J Prelutsky, MD  
Associate Professor of Clinical Medicine (primary appointment)  
BA Northwestern University 1975  
MD Saint Louis University 1979

Niall Thomas Prendergast, MD  
Instructor in Medicine (primary appointment)  
MD Washington Univ in St. Louis 2014  
BS Harvard University 2007

Rachel M. Presti, PhD, MD  
Assistant Professor of Medicine (primary appointment)  
BA Scripps College 1990  
PPhD Washington Univ in St. Louis 2001  
MD Washington Univ in St. Louis 2001

Aaron J Pugh  
Adjunct Instructor in Medicine (primary appointment)

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

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

Usman Qayyum  
Instructor in Clinical Medicine (primary appointment)

Nishath Quader, MD  
Assistant Professor of Medicine (primary appointment)  
MD Northwestern University 2007  
BS University of Illinois Chicago 2002

Patricia M Quinley, MD  
Instructor in Clinical Medicine (primary appointment)  
MD University of Illinois 1989  
BS University of Illinois 1985

Abdul H Qureshi, MS  
Instructor in Clinical Medicine (primary appointment)  
MS School Not Listed 1992

Radha Devi Radhakrishna Pillai, MBBS  
Assistant Professor of Medicine (primary appointment)  
MBBS Jawaharial Inst of Med Educ 2006

Srinivasan Raghavan  
Instructor in Clinical Medicine (primary appointment)

Prabha Ranganathan, MBBS  
Professor of Medicine (primary appointment)  
MBBS Kilpauk Medical College 1990

U. Ramakrishna Rao, MS, PhD  
Associate Professor of Medicine (primary appointment)  
BS Mysore University 1975  
MS Andhra University 1977  
PPhD University of Bombay 1987

Srinivasan Dubagunta Rao  
Adjunct Instructor in Medicine (primary appointment)

Antonella Luisa Rastelli, MD  
Associate Professor of Medicine (primary appointment)  
Associate Professor of Surgery (General Surgery)  
MD University of Verona 1991  
BA University of Verona 1984

Keith M Ratcliff  
Instructor in Clinical Medicine (primary appointment)

Gary A Ratkin, MD  
Associate Professor of Clinical Medicine (primary appointment)  
Instructor in Clinical Radiation Oncology  
MD Washington Univ in St. Louis 1967  
BA Rice University 1963

Felicia Ratnaraj, MD  
Instructor in Medicine (primary appointment)  
MD University of MO Kansas City 2014  
BA University of MO Kansas City 2012

Lee Ratner, MD, MA, PHD  
Professor of Medicine (primary appointment)  
Alan A and Edith L Wolff Professor of Oncology  
Professor of Molecular Microbiology  
MD Yale University 1979  
BA Harvard University 1973  
MA Harvard University 1973  
PPhD Yale University 1979

Daniel Rauch, PHD, BS1  
Assistant Professor of Medicine (primary appointment)  
PPhD University of Iowa 2001  
BS Augustana College 1996  
BS1 Augustana College 1996

Michael I. Rauchman, MD  
Professor of Medicine (primary appointment)  
MD McGill University 1984  
BA Tufts University 1980

Saadia Taufiq Raza, MD  
Assistant Professor of Clinical Medicine (Dermatology) (primary appointment)  
MD Emory University 1997  
BA Emory University 1993

Babak Razani, MD, PHD
Assistant Professor of Medicine (primary appointment)  
Assistant Professor of Pathology and Immunology  
MD Albert Einstein College of Med 2003  
PHD Albert Einstein College of Med 2003

Timothy Patrick Rearden, MD, MS  
Associate Professor of Medicine (Pending Executive Faculty Approval) (primary appointment)  
MD University of MO Columbia 1985  
MS University of MO Columbia 1981  
BS Southeast Missouri St Univers 1979

Arhaanth D Reddy  
Instructor in Clinical Medicine (primary appointment)  
Kavitha Reddy  
Assistant Professor of Emergency Medicine in Medicine (primary appointment)  
Katherine Marie Reeder, PHD  
Adjunct Assistant Professor of Medicine (primary appointment)  
PHD University of Iowa 2007

Dominic N Reeds, MD  
Associate Professor of Medicine (primary appointment)  
MD Texas Tech University 1996  
BA University of Texas Austin 1992

Susan Robinson Reeds, MD  
Assistant Professor of Medicine (primary appointment)  
BS Haverford College 1990  
MD University of Rochester 1996

Lester T Reese, MD  
Professor of Clinical Medicine (Dermatology) (primary appointment)  
BS Tulane University 1962  
MD Tulane University 1966

Allison Ann Regier, PHD, MS  
Instructor in Medicine (primary appointment)  
PHD University of Notre Dame 2011  
MS University of Notre Dame 2009  
BS Bethel College 2004

Margaret Reiker, MD, PHD, UNKNOWN  
Instructor in Clinical Medicine (primary appointment)  
MD Saint Louis University 1993  
PHD Saint Louis University 1991  
UNKNOWN Saint Louis University 1986

Samuel W Reinhardt, MD  
Instructor in Medicine (primary appointment)  
MD Washington Univ in St. Louis 2014  
BS Yale University 2010

Craig K Reiss, MD  
Professor of Clinical Medicine (primary appointment)  
BA University of Missouri 1979  
MD University of Missouri 1983

Jacqueline Levy Reiss, MD  
Instructor in Clinical Medicine (primary appointment)  
BA University of MO Kansas City 1989  
MD University of Missouri 1990

Maria Sara Remedi, MS, PHD  
Assistant Professor of Medicine (primary appointment)  
Assistant Professor of Cell Biology and Physiology  
BS University of Cordoba 1987  
MS University of Cordoba 1989  
PHD University of Cordoba 1999

Hilary Elizabeth Lee Reno, MS, PHD, MD  
Assistant Professor of Medicine (primary appointment)  
MS University of Illinois 1997  
PHD University of Illinois 2000  
MD University of Illinois 2002

Stacey L. Rentschler, PHD, MS, MD  
Assistant Professor of Medicine (primary appointment)  
Assistant Professor of Developmental Biology  
BS Lehigh University 1995  
PHD Mount Sinai School of Medicine 2002  
MS Mount Sinai School of Medicine 2000  
MD Mount Sinai School of Medicine 2004

Nicholas R Renz, MD  
Instructor in Emergency Medicine in Medicine (primary appointment)  
MD University of MO Columbia 2008  
BA University of MO Columbia 2004

Michael P Rettig, PHD  
Associate Professor of Medicine (primary appointment)  
BS Illinois State University 1993  
PHD Purdue University 2000

Michael W Rich, MD  
Professor of Medicine (primary appointment)  
BA University of Illinois 1974  
MD University of Illinois 1979

Lois F. Richard, MD, PHD  
Assistant Professor of Medicine (primary appointment)  
MD Saint Louis University 1999  
BS Murray St University 1982  
PHD Saint Louis University 1998

Nancy Ridenour  
Adjunct Professor of Medicine (primary appointment)

Terrence E Riehl, PHD, MS  
Associate Professor of Medicine (primary appointment)  
BS Rutgers University 1974  
PHD Ohio University 1981  
MS Rutgers University 1976

Amy Elizabeth Riek, MD  
Assistant Professor of Medicine (primary appointment)  
MD Washington Univ in St. Louis 2005
Robert D Rifkin, MD
Professor of Medicine (primary appointment)
MD New York University 1972
BS Massachusetts Institute of Technology (MIT) 1968

Caron E Rigden, MD, BFA
Assistant Professor of Medicine (primary appointment)
MD Tulane University 2000
BFA Tulane University 1996

Tracy Marie Riordan, MD
Instructor in Clinical Medicine (primary appointment)
BA Saint Louis University 1996
MD Saint Louis University 2000

Elisha D.O. Roberson, PHD
Assistant Professor of Medicine (primary appointment)
Assistant Professor of Genetics
BS Western Kentucky University 2004
PHD Johns Hopkins University 2009

Paul Arthur Robiolio, MD, M PHIL
Assistant Professor of Clinical Medicine (primary appointment)
MD Washington University in St. Louis 1989
BS Haverford College 1983
M PHIL Cambridge University 1985

Guillermo Rodriguez Jr, MD
Assistant Professor of Medicine (Pending Executive Faculty Approval) (primary appointment)
MD National Autonomous U of Mexico 1980

M. Reza Rofougaran, MD
Instructor in Clinical Medicine (primary appointment)
MD Tehran University 1988

H. Bryan Rogers, MD
Instructor in Clinical Medicine (primary appointment)
MD Washington University in St. Louis 1965

Felice A Rolnick, MD
Instructor in Clinical Medicine (primary appointment)
BS Union College New York 1982
MD School Not Listed 1987

Arthur G. Romero, PHD
Associate Professor of Medicine (primary appointment)
BS Johns Hopkins University 1979
PHD Univ of Wisconsin Madison 1985

Ernesto J Romo, MD
Instructor in Emergency Medicine in Medicine (primary appointment)
MD University of Illinois Chicago 2011
BS University of Dayton 2007

Daniel B Rosenbluth, MD
Professor of Medicine (primary appointment)
Professor of Pediatrics

Tracey C and William J Marshall Professor of Medicine
MD Mount Sinai School of Medicine 1989
BS Columbia University 1985

Anna Roshal, MD
Assistant Professor of Medicine (primary appointment)
BS University of Rochester 1993
MD University of Rochester 1997

Ilana Shaina Rosman, MD
Assistant Professor of Medicine (Dermatology) (primary appointment)
Assistant Professor of Pathology and Immunology
MD Washington University in St. Louis 2008
BA Brown University 2000

Ian Ross, MD
Instructor in Medicine (primary appointment)
MD East Tennessee State University 2013

Bruce J Roth, MD
Professor of Medicine (primary appointment)
MD Saint Louis University 1980

Marcos Rothstein, MD
Professor of Medicine (primary appointment)
MD University of Zulia 1974

Ernest Tuttte Rouse III, MD
Instructor in Clinical Medicine (primary appointment)
BA Princeton University 1967
MD Washington University in St. Louis 1971

Jeremy Rower, MD
Instructor in Clinical Medicine (primary appointment)
BS University of Cincinnati 1993
MD University of Cincinnati 1997

Deborah C Rubin, MD
Associate Professor of Medicine (primary appointment)
MD Indiana University Bloomington 1998
BA Washington University in St. Louis 1994

Lela Ruck, MD
Instructor in Medicine (primary appointment)
MD Texas Tech University 2014

Paetra Ruddy, MD
Assistant Professor of Medicine (Dermatology) (primary appointment)
BA Bard College 1997
MD University of Iowa 2011

Peter G Ruminski, MS
Instructor in Medicine (primary appointment)
Emily Lindholm Rumora, MD  
Instructor in Medicine (primary appointment)  
MD Dartmouth College 2013

Brent E Ruoff, MD  
Associate Professor of Emergency Medicine in Medicine (primary appointment)  
MD Saint Louis University 1981  
BS Graceland College 1977

Michael B Rusche  
Adjunct Instructor in Medicine (primary appointment)

Tonya D Russell, MD1, BS1, MD  
Associate Professor of Medicine (primary appointment)  
BS University of Florida 1993  
MD1 University of Florida 1997  
BS1 University of Florida 1993  
MD University of Florida 1997

Ilaria Russo, MS, MS, PHD  
Visiting Assistant Professor of Medicine (primary appointment)  
BS University of Palermo 1998  
MS University of Padua 1998  
BS University of Palermo 1998  
MS University of Padua 1998  
PHD University of Padua 2005

Joseph F Ruwitch Jr, MD  
Professor of Clinical Medicine (primary appointment)  
MD Washington Univ in St. Louis 1966

S

Raya Saba, MD  
Instructor in Medicine (primary appointment)  
MD Damascus University 2011

Molly Sachdev, M PH, MD  
Assistant Professor of Medicine (primary appointment)  
M PH University North Carolina 2000  
MD Duke University 2001

Justin Sadhu, MD  
Assistant Professor of Medicine (primary appointment)  
MD Washington Univ in St. Louis 2007

J. Evan Sadler, PHD, MD  
Professor of Medicine (primary appointment)  
Professor of Biochemistry and Molecular Biophysics  
PHD Duke University 1978  
MD Duke University 1979

Mehrdad Saeed-Vafa, MD  
Instructor in Clinical Medicine (primary appointment)  
MD School Not Listed 2000

Joshua Michael Saef, MD  
Instructor in Medicine (primary appointment)  
MD Washington Univ in St. Louis 2014

Jose Bernardo Saenz, PHD, MD  
Instructor in Medicine (primary appointment)  
BA Cornell University 2003  
PHD Washington Univ in St. Louis 2009  
MD Washington Univ in St. Louis 2011  
BA Cornell University 2003

Sonny Satnam Saggar  
Instructor in Clinical Medicine (primary appointment)

Sana Saif Ur Rehman, MD  
Instructor in Medicine (primary appointment)  
MD King Edward Medical College 2007

Kaori A. Sakurai  
Instructor in Clinical Medicine (primary appointment)

Christine Joan Salter, MD, DC  
Instructor in Clinical Medicine (primary appointment)  
BS Reading University 1982  
MD Saint Louis University 1998  
DC Logan College of Chiropractic 1991

Robert J Saltman, MD  
Associate Professor of Clinical Medicine (primary appointment)  
BA Yale University 1976  
MD Washington Univ in St. Louis 1980

John Mark Samet, MD  
Instructor in Clinical Medicine (primary appointment)  
BS Washington & Lee 1964  
MD University of Missouri 1968

Dmitri Samovski, PHD  
Instructor in Medicine (primary appointment)  
PHD Hebrew University 2009

Lawrence E Samuels, MD  
Instructor in Clinical Medicine (Dermatology) (primary appointment)  
MD Washington Univ in St. Louis 1976  
BA University of Texas Austin 1972

Guadalupe Sanchez, MD  
Instructor in Clinical Medicine (Dermatology) (primary appointment)  
MD Harvard University 1978  
BA Berry College 1974

Mark Steven Sands, PHD  
Professor of Medicine (primary appointment)  
Professor of Genetics  
BS Rochester Institute of Techno 1980  
PHD State Univ of NY Stonybrook 1990

Kristen Marie Sanfilippo, MHS, MD  
Assiatant Professor of Medicine (primary appointment)
Daniel Jose Santa Cruz, MD  
Instructor in Clinical Medicine (Dermatology) (primary appointment)  
MD Universidad def Buenos Aires 1971

Evelio E. Sardina, PhD, MS, MD  
Instructor in Clinical Medicine (primary appointment)  
BA Rutgers University 1985  
PHD University of South Florida 1990  
MS University of South Florida 1988  
MD University of South Florida 1994

Gregory Stephen Sayuk, MD  
Associate Professor of Medicine (primary appointment)  
Associate Professor of Psychiatry  
MD University of Texas Austin 2000

Lawrence R Schacht, MD  
Instructor in Clinical Medicine (primary appointment)  
BA University Wyoming 1971  
MD Oregon Health Science Univers 1975

Jean E. Schaffer, MD  
Virginia Minnich Distinguished Professor of Medicine (primary appointment)  
Professor of Developmental Biology  
MD Harvard University 1986  
BA Harvard Radcliff 1982

Richard O. Schamp, MD  
Instructor in Clinical Medicine (primary appointment)  
BA Emporia State University 1974  
MD University of Kansas 1978

Jennifer Lynn Scheer, MD  
Instructor in Clinical Medicine (primary appointment)  
MD Washington Univ in St. Louis 1994

Erica Lynn Scheller, PhD, DDENT  
Assistant Professor of Medicine (primary appointment)  
Assistant Professor of Cell Biology and Physiology  
PHD University of Michigan 2011  
BS Michigan State University 2004  
DDENT 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)  
BA Washington Univ in St. Louis 1976  
MD Saint Louis University 1980

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

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

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

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

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

Mark Andrew Schroeder, MD  
Assistant 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)  
BA Saint Louis University 1991  
MD Saint Louis University 1996

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  
BA Columbia College 1965  
PHD School Not Listed 1971

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

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)
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
BA University of Virginia 1977
MD Washington Univ in St. Louis 1981

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
BA Johns Hopkins University 1976

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

Liang Shan, MS, PHD
Assistant Professor of Medicine (Pending Executive Faculty Approval) (primary appointment)
MS Fudan University 2007
BS Nankai University 2003
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
Christine A Sigman, MD  
Instructor in Clinical Medicine (primary appointment)  
MD Saint Louis University 1996  
BA Saint Louis University 1991  

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  
BA New York University 2004  
MD Drexel University 2007  

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

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)  
MD Duke University 1993  
BS Duke University 1986  
PHD Oxford University 1989  

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

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

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  

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

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

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)  
MD Louisiana St University 1976  

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

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  
MD University of Washington 2010  
BS University of Washington 2001  

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)  
MD School Not Listed 1983  
BA New College California 1976  

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

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

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)  
MD University of Toledo 2013  
BA Case Western Reserve Univ 2009  

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  
(Pending Executive Faculty Approval) (primary appointment)  
MD New York Medical College 2008  
BA State Univ of NY Buffalo 2004  

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

MD University of Illinois Chicago 2006  
BA Washington Univ in St. Louis 1998  

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

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  
PHD University of British Columbia 2006  
BS Carleton University 2001  

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

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

Hamma 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 Regensburg University 2007  

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

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

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)
BA Saint Louis University 2001
MD University of MO Columbia 2006

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

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)
BS University of the Philippines 1985
MD University of the Philippines 1990

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

Michael Edward Tang, MD
Instructor in Medicine (primary appointment)
MD Washington Univ in St. Louis 2014

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

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

Arnold S Tepper, MD
Instructor in Clinical Medicine (primary appointment)
MD University of Missouri 1970
BS School Not Listed 1966

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

Shaun T 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)
BS Rockhurst College 1956
MD Saint Louis University 1960

Mark S Thoelke, MD, PHD
Professor of Medicine (primary appointment)
MD University of Illinois 1990
BS University of Illinois 1982
PHD 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, MS, M PH, MD
Instructor in Medicine (primary appointment)
MS University of MO Columbia 2006
M PH Washington Univ in St. Louis 2017
MD University of MO Columbia 2010
BS University of MO Columbia 2005

Erik P Thyssen, MD
Assistant Professor of Clinical Medicine (primary appointment)
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)
BS University of Illinois 1984
MD University of Illinois 1988
Jeffrey P Tillinghast, MD
Associate Professor of Clinical Medicine (primary appointment)
BS 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)
BS 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 Tollefsen, PHD, MD
Professor of Medicine (primary appointment)
PHD Washington Univ in St. Louis 1977
MD Washington Univ in St. Louis 1977
BA Grinnell College 1970

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

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 Fiance Professor of Pulmonary Medicine in Medicine (primary appointment)
MD Emory University 1978
BS Emory University 1968

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

BS University of Nebraska 1972

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

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

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 (Pending Executive Faculty) (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, MA, MD, BA1
Associate Professor of Medicine (primary appointment)
MA Washington Univ in St. Louis 2001
MD Washington Univ in St. Louis 2001
BA Cornell University 1996
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)  
BA Washington Univ in St. Louis 1968  
MD Washington Univ in St. Louis 1972

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  
PHD Washington Univ in St. Louis 1995  
BA Princeton University 1987  
MD Washington Univ in St. Louis 1995

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  
Assistant Professor of Medicine (primary appointment)  
Assistant 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)  
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

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

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

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)  
BA Indiana University Indianapolis 2017  
MD Ohio State University 2012

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

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)  
MD Washington Univ in St. Louis 1973  
BS University of Illinois 1969
Lawrence L. Wang, PHD, MD
Instructor in Clinical Medicine (Dermatology) (primary appointment)
PHD Washington Univ in St. Louis 2001
BA Harvard University 1993
MD Washington Univ in St. Louis 2001

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

Sarah Qian Wang, MD
Instructor in Medicine (primary appointment)
MD Univ Texas Health Science Ctr 2012
BS University of Texas Austin 2007

Leyao Wang, PHD, M PH
Instructor in Medicine (primary appointment)
PHD Fudan University 2017
M PH Johns Hopkins University 2017
BA Nankai University 2017

Andrea Wang-Gillam, BS1, MD
Associate Professor of Medicine (primary appointment)
BS1 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, PHD, MD
Instructor in Medicine (primary appointment)
BS Wilkes University 2002
PHD SUNY - Empire State College 2010
MD SUNY - Empire State College 2010

David K. Warren, MD, MPH
Professor of Medicine (primary appointment)
BS Pennsylvania State University 1990
MD University of Pittsburgh 1994
MPH Saint Louis University 2005

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

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

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

MD Washington Univ 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
Phillip & Arleen 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
MD Harvard University 1975
BA Harvard University 1971

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

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

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

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

Edmond Weisbart
Assistant Professor of Clinical Medicine (primary appointment)

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

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

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

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

Lynn Ellis Welling, MD
Adjunct Associate Professor of Medicine (primary appointment)
MD UniformedServUofHealthSciences 1989

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)
PHD Washington Univ in St. Louis 1992
MD Washington Univ in St. Louis 1992
BA Colby College 1985

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

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

Burton M Wice, PHD
Associate Professor of Medicine (primary appointment)
BA University of Missouri 1975
PHD Washington Univ in St. Louis 1992

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)
BA Pomona College 1974
MD University of Hawaii 1980

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

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

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

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

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

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

Monita Elaine Wilson, MS, PHD
Associate Professor of Medicine (primary appointment)
MS Southern Illinois University 1984
BS Southern Illinois University 1981
PHD Brandeis University 1992

Patrick H Win
Instructor in Clinical Medicine (primary appointment)

David William Windus, MD
Professor of Medicine (primary appointment)
MD Creighton University 1978
BS Iowa State University 1974

Karen Winters, MD
Associate Professor of Medicine (primary appointment)
Director of the Student and Employee Health Service - Medical Campus
BS Illinois State University 1975
Chad Alan Witt, MD  
Assistant Professor of Medicine (primary appointment)  
MD University of Texas Southwest 2005  
BS Texas Tech University 2001

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

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

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

Nathan E Wolins, PHD  
Assistant Professor of Medicine (primary appointment)  
PHD George Washington University 1994

Terrence N Wong, MD, PHD  
Instructor in Medicine (primary appointment)  
MD Dartmouth College 2009  
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  
Associate 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  
MD Washington Univ in St. Louis 1979  
BS Vanderbilt University 1975

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

Yan Xie, MS, MD
In addition, regular Integrative Case Sessions will highlight the interrelationships of the TPM Content Areas. Primary Care Preceptor sessions will provide each student with an introductory experience in outpatient medicine. Content Areas:

- The Experience of Illness, Stephen S. Lefrak, MD. The practice of medicine reflects the tension between the unique story of individual patients and the generalized scientific understanding of disease. Physicians must learn to understand and resolve this tension as much as possible. The Experience of Illness is intended to help the student become aware of those areas that determine this unique response to biological processes. In addition to readings and small group discussions, students will write both a personal illness narrative and a patient-centered narrative following a home visit to a patient.
- Health Promotion/Disease Prevention, Bradley Evanoff, MD, MPH. This overview of public health and preventive medicine will combine theory and application to allow students to interpret the scientific literature, to approach clinical medicine with an emphasis on prevention, and to understand aspects of the social, economic, and political environments which affect health and health care. We will focus on methods of primary and secondary prevention, and on nutritional, environmental, and behavioral factors that impact health. Discussions will include immunization, screening for chronic diseases, and effects of toxic exposures.
- Scientific Method of Clinical Medicine and Research, Jay F. Piccirillo, MD. Students will learn the central role of clinical epidemiology and medical statistics in the care of patients, the critical review the published literature, and the conduct of clinical research. Students will also learn to use computerized statistics and spreadsheet programs, as well as how to measure and improve the quality of care.
- Clinical Skills, Yoon Kang, MD. Students will perform a complete physical exam (excluding neurologic and mental status exams). Additionally, students will learn how to summarize the exam findings in a written form, both in the context of a complete history and physical note and a daily progress note (i.e., SOAP note).
- Doctor-Patient Communication, Elliot E. Abbey, MD. This section begins development of physician-patient communication skills through several mechanisms. Students will observe their small group instructors taking medical histories from hospitalized patients. Subsequently, the instructors will observe student-patient interaction in the same setting. Lectures regarding the standard components of the history will coincide with the instructor role-modeling segment. Finally, videotapes illustrating examples of positive and negative aspects of communication will be utilized.
- The Ethics and Context of Medicine, Rebecca Dresser, JD. This content area introduces students to ethical, social, and legal issues arising in the practice of medicine. Topics to be covered include: the responsibilities of medical professionals; the doctor-patient relationship; and the organization and financing of health care. Issues in resource

M25 Medicine 507 Practice of Medicine I
The practice of medicine requires that physicians integrate a diverse array of knowledge. Clinicians must interview and examine a patient, understand that patient’s experience of illness, develop an evidence-based differential diagnosis, and engage patients in their treatment plan, all the while attending to the ethical dimensions of clinical medicine. Physicians must understand how to promote the health of populations as well as that of individual patients. Physicians must also master skills for lifelong learning to remain competent professionals. The Practice of Medicine I (TPM I) is the first part of a three-year course about the interfaces between patient, doctor and society. The course is organized around the Content Areas described below. In addition, regular Integrative Case Sessions will highlight
M25 Medicine 605A Infectious Diseases
The infectious diseases course now includes a basic discussion of medical microbiology previously taught in the first year. The infectious disease portion emphasizes both organism-specific and organ-specific approaches to disease caused by microbes. The course aims to expand upon the material presented in the first year concerning bacteria, viruses, fungi and parasites and their involvement in causation of human disease. Educational methods include lecture and clinical case discussions in small groups. Credit 51 units.

M25 Medicine 606A Rheumatology
The rheumatology pathophysiology course begins with an overview of the structure, function and physiology of the normal joint. The pathophysiology of both localized joint disorders such as osteoarthritis and infectious arthritis are then presented, along with systemic inflammatory disorders including rheumatoid arthritis, lupus and vasculitis. Diagnosis, pharmacologic management and rehabilitation of these conditions are included. In small group sessions, students interview patients and observe the characteristic physical findings of these disorders. Credit 17 units.

M25 Medicine 607 Practice of Medicine II
The goal of The Practice of Medicine (TPM) is to provide students with a set of knowledge, skills and attitudes essential to patient care regardless of specialty. TPM II is a continuation of TPM I and will build on concepts introduced during TPM I. TPM II will continue to address various interfaces between patients, physicians and society and will also introduce approaches to clinical thinking and decision-making in the context of today’s socioeconomic and cultural environment. The sections of TPM II include Advanced Physical Examination, Case Development, Communication, Ethics and Health Policy, Health Promotion/Disease Prevention, Interpreting Illness, Ophthalmology, Patient Sessions, Radiology, and Scientific Methods. The learning objectives for each section of TPM II emphasize topics and skills utilized in all fields of medicine, and the majority of the course work for TPM II will be taught in small groups or through clinical experiences. Credit 99 units.

M25 Medicine 611B Cardiovascular Disease
The purpose of this course is to consider the mechanisms and manifestations of acquired and congenital cardiovascular disorders as well as their pharmacologic treatment. Lectures and group discussions are provided which emphasize the major areas of cardiac pathophysiology and pharmacology. Credit 30 units.

M25 Medicine 612B Pulmonary Diseases
The objectives of the pulmonary pathophysiology course include to review normal pulmonary physiology as related to specific pulmonary disease states. The focus of the course will largely be upon presentations in lectures concerning pathophysiologic principles of abnormal lung structure and function. In addition, case study problems will be discussed.

M25 Medicine 613B Renal & Genitourinary Diseases
After a review of normal renal physiology and structure, the course focuses upon renal disease states including glomerulonephritis, secondary glomerulo diseases, diabetic and tubulointerstitial nephropathies, disorders of fluid volume and osmolality, electrolyte and acid/base disturbances, hypertension, renal infection, nephrolithiasis, as well as acute and chronic renal failure. Teaching of renal pathophysiology is integrated with the renal segment of the pathophysiology course. Lectures are supplemented by case discussions in small groups. Credit 38 units.

M25 Medicine 614 Dermatology
The dermatology second-year course is designed to teach medical students 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 Gastroenterology and Liver Diseases/Nutrition
This course discusses the pathophysiological mechanisms involved in producing disease 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 clinical case presentations. Credit 32 units.

M25 Medicine 625A Hematology and Oncology
The hematology pathophysiology course exposes students to common hematologic disorders and hematologic malignancies. The course utilizes lectures, clinical case discussions and practical sessions involving microscopy. Credit 39 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 allocation, clinical research and genetics will also be addressed.

Credit 198.5 units.

M25 Medicine 612B Pulmonary Diseases
The objectives of the pulmonary pathophysiology course include to review normal pulmonary physiology as related to specific pulmonary disease states. The focus of the course will largely be upon presentations in lectures concerning pathophysiologic principles of abnormal lung structure and function. In addition, case study problems will be discussed.
past have included: Session 1: Complementary and Alternative Medicine; Session 2: Safe and Quality Care at BJH; Session 3: Communicating Serious Adverse Events to Patients and Families; Session 4: Intimate Partner Violence; Session 5: Medical Malpractice/Tort Reform; Session 6: Health Care Financing; Session 7: Update on the Patient Protection and Affordable Care Act (PPACA); Session 8: Clinical Practice Management; Session 9: Recognizing Personal Biases; Session 10: Evaluation and Treatment of Patients with Disabilities. Attendance at eight out of 10 POM III sessions is required to pass this course. Student may use two absences for any reason and are recommended to save them for their ACES rotation, Labor & Deliver rotation, or an emergency. Sessions will be from 12-2 p.m. on the third Tuesday of every month except for November and December. (Please note that the first session is held on the fourth Tuesday of June).

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 as clinical clerks to patients admitted to the general medical teaching services of Barnes-Jewish Hospital and Veterans Administration Medical Center. For the outpatient rotations, students rotate through the ambulatory general medicine clinics at Barnes-Jewish Hospital and a community-based internal medicine practice. Teaching is provided by the chief of service, attending physicians, house officers, consultants, chief residents and regularly scheduled conferences. Formal instructions is given regarding core internal medicine topics during the clerkship. A minimum of 12 weeks is required: three consecutive four-week rotations. Credit 462 units.

M25 Medicine 714 Ambulatory Clerkship: Emergency Medicine
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 be a part of the rehabilitation team, follow three to five patients, participate in daily morning rounds, participate in performing consults, and attend team meetings and family conferences. Students are required to attend several outpatient clinics such as SCI, BI, Amputee and Stroke. During the entire rotation, students work with PM&R residents and fellows, and under direct guidance of the NeuroRehabilitation faculty. The usual duty hours are 7:30 a.m. to 5 p.m. weekdays and 8 a.m. to noon on Saturdays. There is no night call. Students are required to attend all PM&R curriculum lectures and conferences. On the first day of rotation, students meet with the PM&R program director to go over goals, objectives and schedules. Upon completion of the rotation, students are required to fill out the evaluation form to provide feedback regarding rotation experience. 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 the four-week clerkship in Geriatrics is to provide an opportunity for students to gain proficiency in the principles of geriatric evaluation, including the medical, psychological, social, and functional assessments of older adults. Direct, hands-on experience with patients is a major feature of the clerkship. Students are expected to participate in the evaluation of three to five patients per week, in a variety of settings including the hospital Acute Care for the Elderly (ACE) unit on 3200 North Campus, the Older Adult Outpatient Assessment Program (Storz building), and the Long Term Care Setting (Barnes Extended Care in Clayton). Students attend hospice, geropsychiatry rounds, and the geriatric conferences while on the rotation. Students are assigned to a variety of attendings to enhance the experience. There is no night call or call on weekends. Participation on the hospital consult service will occur depending on volume. The day normally begins at 8:00 a.m. and is usually finished by 5. There will be time to read the detailed syllabus/bibliography. Students will be asked to present a brief topic of their choice at the end of the rotation and demonstrate knowledge of the geriatric screens and assessments. 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 workup and management of patients with rheumatic illnesses including systemic lupus erythematosus, rheumatoid arthritis, vasculitis (polyarteritis, Wegener’s, temporal arteritis), spondyloarthropathies (ankylosing spondylitis, reactive arthritis), osteoarthritis, gout 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 practical experience and expertise in the care of hospitalized patients on an internal medicine ward. With appropriate supervision by the attending and resident physicians, sub-interns will have similar responsibilities as interns. 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 admit 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. While being supervised as listed above, sub-interns assume primary responsibility for the daily care of their patients, including evaluation on daily rounds, scheduling and obtaining results of diagnostic studies, calling consults, planning therapy, making arrangements for care after discharge, and communicating with patients and their families.

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, 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 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. 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 an 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 have a shift with the toxicology attendings and residents and will 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 specialists 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
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. Students 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, supervised sessions with clinical faculty. The primary format of the elective is observation of the first-year students during hospital sessions where the first-years perform the H&P and the fourth-year mentors offer constructive feedback. Each H&P write-up is also thoroughly reviewed and critiqued by the mentor. Supervisory sessions also occur with clinical faculty who give feedback on both the performance of the first-year students as well as the mentoring skills of the fourth-year.

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

**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 processes 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 toxicology 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 planned include workup of patients at Barnes-Jewish Hospital under the supervision of the hematology fellow and his staff consultant; attendance at clinical rounds three to five hours per week; participation in outpatient clinics; experience in various procedures, especially blood and bone marrow morphology and in interpretation of coagulation tests. Daily student rounds with a senior staff person.

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 noninvasive 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 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 rounds 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, sexually transmitted diseases and travel plans. Patients seen will have a wide range of acute and chronic infections with a heavy emphasis on HIV/AIDS, including 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. They are expected to 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 consultations. 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
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 bedside 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 pharmacological basis for systemic cancer treatment. The ethical and medical challenges of caring for patients with advanced incurable malignancies will also be an important theme, as well as the conduct of clinical research in this patient population. Students will 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 Inpatient Internal Medicine/Oncology - Ferris
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 bedside teaching and attend tumor boards and lectures focused on the care of patients with solid tumors and lymphoma. 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 pharmacological basis for systemic cancer treatment.
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 have in 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
The student, during the two-week elective, will read 20-25 ECGs obtained from the Barnes-Jewish Heart Station and then overread by an experienced electrocardiographer. There will also be didactic sessions covering infarction, ventricular hypertrophy, heart block, arrhythmias, and aberrant conduction.

M25 Medicine 879 Pulmonary Clinic 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 882 Pulmonary Medicine - VA Hospital
Students will participate in several ambulatory care activities of the Pulmonary Section, including outpatient consultations of common respiratory disorders such as COPD, obstructive sleep apnea, lung cancer and tuberculosis, and follow-up of primary care patients with pulmonary disease. In addition, students will round in medical intensive care units, interpret pulmonary function tests, participate in bronchoscopy and attend scheduled teaching conferences of the Pulmonary Division.

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 885 Occupational/Environmental Medicine
This elective is designed to introduce students to research and practice in the prevention of work-related injuries and illnesses,
and prevention of health effects related to environmental exposures. Preventive activities will include work site visits and intervention projects, as well as involvement with work site health promotion and policy making. Research projects involve epidemiology and intervention projects in work-related injury and musculoskeletal disorders. Specific activities are flexible depending on the students’ interests. Students may elect to participate in the Interdisciplinary Environmental Clinic at Washington University. Based in the law school, the clinic involves interdisciplinary teams of students (law, engineering, environmental science) taking principal responsibility, under faculty supervision, for cases and projects on behalf of environmental and community organizations. The medical student(s) assist clinic students by evaluating the human health impacts involved in one or more of the clinic’s cases, and presenting such information to the client organization(s) and others. Among the cases on which medical students might participate are: (1) air pollution associated with factories in the St Louis metropolitan area; (2) lead poisoning of children and adults in St. Louis and surrounding towns; (3) air and water pollution caused by concentrated animal feeding operations (factory farms) in Missouri. Students choosing this option will work with the Environmental Clinic staff and with Dr. Evanoff to evaluate and present evaluations of human health impacts of environmental exposures.

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 893 Adult Allergy and Clinical Immunology
Students will participate in the allergy consult service at Barnes-Jewish Hospital, North and South Campus. The student will serve as the primary allergy consult for inpatient and Emergency Room consultation and present each patient to the allergy fellows on call and the attending physician. Students will attend The Adult Allergy Clinic, Pediatric Allergy Clinic, and the outpatient clinics at The Asthma & Allergy Center at Barnes-Jewish West County Hospital. Conferences on selected topics in allergy and clinical immunology will be held with the attending staff two to three afternoons a week.

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