John T. Milliken
Department of Medicine

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

Website: https://internalmedicine.wustl.edu

Research

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

M25 Medicine 900

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

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

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

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

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

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

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

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

Gerome Escota, MD
6604 Wohl Hospital
Phone: 314-362-8050
Email (escotag@wustl.edu)

Special projects in medical education. Through special arrangement with and approval by the course director, fourth-year students may design individual research projects. These projects can include new research, studies of the effects of existing treatment modalities, case reports, or any other type of original research.
year students will participate in special projects in medical education. Typical projects will require approximately four weeks to complete. These four weeks can occur consecutively (preferred) or be spread out somewhat as needed. Medical education projects should be aimed at improving the curriculum, student experience, and/or administration of the Internal Medicine Clerkship or the Sub-Internship. Interested students should contact the course director via phone or email to discuss the proposed project. Those who are interested but would like guidance in designing a project should also contact the course director. This is open only to Washington University School of Medicine students.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Clinical significance of heart rate variability and ECG-derived waveform parameters obtained from continuous ambulatory monitoring. This elective affords the opportunity to perform research in heart rate variability or in other measurements, like QT variability or T-wave alternans that can be derived from continuous ECG monitoring from Holter recordings or polysomnography recordings in the sleep lab. One area of active research is the identification of heart rate patterns associated with obstructive and central sleep apneas and hypopneas and the relationship of previously unappreciated cycling heart rate patterns and outcomes. Data are also available from mice. Many possible projects are available using our many large existing datasets, using the thousands of stored studies in the sleep lab, or involving de novo data collection in a clinical or animal population and in infants. Also, many possible directions for this research are available from applying traditional and nonlinear HRV to different populations, developing methods to quantify ultradian heart rate variability patterns, to developing novel ECG analysis techniques, etc. Also, we are involved with the Cardiovascular Health Study (CHS), a large population-based longitudinal study of risk factors for heart disease and stroke among community-dwelling people >65 years old. There is a subset of this population who had Holter recordings (~1400 at baseline, ~800 of the same people five years later, and ~370 minority subjects recorded at the same time as the second CHS recording). These recordings have already been analyzed by us so there is a large amount of heart rate variability and heart rate pattern data available. There are also subsets of the CHS and of another study (EPHESUS) who are known to have died suddenly, and we have developed a matched control group in order to examine ECG-based differences in those who died suddenly. We also have electronic sleep studies at two time points for about 300 of the CHS Holter participants who also participated in the Sleep Heart Health Study. We have analyzed an additional ~1500 sleep studies from CHS participants who did
not have Holter recordings. Thus, there is also an opportunity in the CHS dataset for studies on the relationship of heart rate variability and changes in heart rate variability over time and a huge number of clinical and demographic factors among the elderly. We also have data on the relationship of Holter-based HRV and sleep apnea patterns to the development of atrial fibrillation post-cardiac surgery and data from a study of treatment of depression in treatment-resistant depressed post-MI patients, a study of sickle cell patients, and one of heart rate variability and echo parameters in elderly African Americans. Currently we are also analyzing HRV in both premature infants as they mature and also HRV as a predictor of response to treatment in babies in the NICU and PICU, using stored 24-hour bedside ECGs.

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

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

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

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

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

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

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

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

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

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

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

Michael J. Holtzman, MD
Selma and Herman Seldin Professor of Medicine
Chief, Division of Pulmonary and Critical Care Medicine

Benjamin D. Humphreys, MD, PhD
Joseph P. Friedman Associate Professor
Chief, Division of Nephrology

Samuel Klein, MD
William H. Danforth Professor of Medicine and Nutritional Science
Chief, Division of Geriatrics and Nutritional Sciences

Douglas L. Mann, MD
Tobias and Hortense Lewin Professor of Medicine
Chief, Division of Cardiology

William G. Powderly, MD
Dr. J. William Campbell Professor of Medicine
Co-Chief, Division of Infectious Diseases

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

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

Mark S. Thoelke, MD
Associate Professor of Medicine
Chief, Division of Hospital Medicine

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

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

A

Eva Marie Aagaard, MD
Carol B and Jerome T Loeb Professor of Medical Education
( 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)
BA Cornell University 1971

MD New York University 1975

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
BS State University of New York 1974
PHD Purdue University 1978

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

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)
BA Carleton College 1985
MD University of Missouri 1989

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

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)
MD UT Medical Branch 2017
BA UT Permain Basin 2017

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

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

Ghadah Abdulaziz Al Ismail, MBBS
Assistant Professor of Medicine (primary appointment)
MBBS King Faisal University Medical 2006

Ziyad Al-Aly, MD
Assistant Professor of Medicine (primary appointment)
MD Beirut University 1999
BS Beirut University 1995

Bassam Albarcha
Instructor in Clinical Medicine (primary appointment)

Jorge M Alegre, MD
Instructor in Clinical Medicine (primary appointment)
MD School Not Listed 1965

Jennifer Marie Alexander-Brett, PHD, MD
Assistant Professor of Medicine (primary appointment)
Assistant Professor of Pathology and Immunology
PHD Washington Univ in St. Louis 2007
MD Washington Univ in St. Louis 2007
BS University of Nebraska 1999

Tarek Alhamad, MS, MD
Assistant Professor of Medicine (primary appointment)
MS Pennsylvania State University 2013
MD Damascus U. Medical School 2006

Muhammad A Ali, MD
Instructor in Clinical Medicine (primary appointment)
MD School Not Listed 1985

Sami Almaskeen
Assistant Professor of Medicine (primary appointment)

Florence Michelle Almiron-Torralba
Instructor in Clinical Medicine (primary appointment)

David Hershel Alpers, MD
William B Kountz Professor of Gerontology in Medicine (primary appointment)
BA Harvard University 1956
MD Harvard University 1960

Jamaluddin Faisal Amanullah
Instructor in Clinical Medicine (primary appointment)

Amit P. Amin, MD
Associate Professor of Medicine (primary appointment)
MD Government Medical College 1998

Manik A Amin, MD
Assistant Professor of Medicine (primary appointment)
MD Government Medical College 1997

Milan J. Anadkat, MD

Associate Professor of Medicine (Dermatology) (primary appointment)
MD Ohio University 2001
BS University of Akron 1997

Dhanalakshmi Subramanian Anbukumar, PHD
Instructor in Medicine (primary appointment)
PHD Saint Louis University 2010
BA Saint Louis University 2003

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

Scott J Anderson, MD, PHD
Instructor in Clinical Medicine (primary appointment)
MD Duke University 1982
BA University of California 1975
PHD Duke University 1981

Muhammad Jaffer Ansari
Assistant Professor of Clinical Medicine (primary appointment)

George Ansstas, MD
Assistant Professor of Medicine (primary appointment)
MD Tishreen Univ College of Med 2001

Alison Lynne Antes Schuelke, PHD, MS
Assistant Professor of Medicine (primary appointment)
PHD University of Oklahoma 2010
BS Indiana State University 2005
BS Indiana State University 2005
MS University of Oklahoma 2007

Olivia Aranha, MD, MS, PHD
Assistant Professor of Medicine (Pending Executive Faculty Approval) (primary appointment)
MD University of Bombay 1995
MS University of Detroit 1998
PHD Wayne State University 2000

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

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

Jordan Jerrell Atkins, MD
Instructor in Medicine (primary appointment)
BS Morehouse College 2010
MD Washington Univ in St. Louis 2015

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

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

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)
BA University of Missouri 1983
MD University of Missouri 1983

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

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, MD, MS
Professor of Medicine (primary appointment)
MD New York University 1984
BS Georgetown University 1977
MS New York University 1980

Nusayba Baggegni, MD
Assistant Professor of Medicine (Pending Executive Faculty Approval) (primary appointment)
BS University of MO Columbia 2005
MD U of IA Carver College of Med 2010

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

Donald M Bailey
Adjunct Instructor in Medicine (primary appointment)

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

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

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

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

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

Wenners Ballard, MD
Instructor in Medicine (primary appointment)
MD Howard University 2015

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

Abraham Barake, MD
Associate Professor of Clinical Medicine (primary appointment)
BS University of Maryland 1976
MD School Not Listed 1983

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

Maria Quintos Baggstrom, MD
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, MA, MD
Associate Professor of Medicine (primary appointment)
BS University of Rhode Island 1982
MA Harvard University 1984
MD Harvard University 1990

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

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

Jeannine Basta, PHD
Assistant Professor of Medicine (primary appointment)
BS Lindenwood University 2006
PHD Saint Louis University 2012

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

Brian John Bausano, MD
Associate Professor of Emergency Medicine in Medicine (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)
MD Rutgers University 1991
BS Seton Hall University 1987

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

Emily Nicole Beck, MD
Instructor in Emergency Medicine in Medicine (Pending Dean's Approval) (primary appointment)
BS University of Texas Austin 2010
MD University Texas San Antonio 2015

Gregory Joseph Beirne, OSTEOPAT
Instructor in Emergency Medicine in Medicine (primary appointment)
OSTEOPAT Chicago Coll of OsteopathicMed 1997

C. Elliott Bell Jr, 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

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)
MD Indiana University Bloomington 1979
BA Northwestern University 1974

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

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

Marc Jordan Bernstein, MD
Associate Professor of Clinical Medicine (primary appointment)
MD Washington Univ in St. Louis 1992
BA Haverford College 1988

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

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

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

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

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

Stanley J Birge, MD
Associate Professor of Medicine (primary appointment)
MD Washington Univ in St. Louis 1963
BA Amherst College 1959

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

Kumar Sanjeev Bishnupuri, MS, PHD
Instructor in Medicine (primary appointment)
MS Banaras Hindu University 1992
PHD Banaras Hindu University 1999

BS Tilka Manjhi Bhagalpur Univ 1988

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

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

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

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

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

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
PHD Erasmus University Rotterdam 2003

Candice Beth Booth, MD
Instructor in Emergency Medicine in Medicine (Pending Dean’s Approval) (primary appointment)
MD University of MO St Louis 2004
BA Univ of IL-Urbana-Champaign 2000

Jamie Marie Borgmann
Instructor in Clinical Medicine (primary appointment)

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

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

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

Ron Bose, PHD, PHD1, MD
Associate Professor of Medicine (primary appointment)
Associate Professor of Cell Biology and Physiology
PHD Cornell University 1998
PHD1 Cornell University 1998
BA University of Rhode Island 1991
BS University of Rhode Island 1991
MD Cornell University 1999

Matthew S Bosner, MD
Assistant Professor of Clinical Medicine (primary appointment)
MD University of Texas Austin 1983
BS Muhlenberg College 1979

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

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

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

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

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

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

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

Audrey Brenot, PHD, BS1, MS
Instructor in Medicine (primary appointment)

PHD University of Paris 2001
BS1 University of Paris 1995
BS University of Paris 1996
MS University of Paris 1997

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

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

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

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

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

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

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

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

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

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

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

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

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)
MD Washington Univ in St. Louis 1977
BS Princeton University 1973

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

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

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

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

Alicia Haywood Busso, MD
Instructor in Emergency Medicine in Medicine (Pending Dean's Approval) (primary appointment)
MD University of MO Kansas City 2004
BA University of MO Kansas City 2004

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

MS Harvard University 2006

Melvin J Butler
Instructor in Clinical Medicine (primary appointment)

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

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

C

Galileu Cabral, MD
Associate Professor of Clinical Medicine (primary appointment)
MD School Not Listed 1964

Matthew David Cain
Assistant Professor of Medicine (Pending Executive Faculty Approval) (primary appointment)
BS Rhodes College 2007

John William Campbell, MD
Professor of Clinical Medicine (primary appointment)
MD Washington Univ in St. Louis 1977
BA Washington Univ in St. Louis 1973

Jian Li Campian, MD, PHD, MS
Assistant Professor of Medicine (primary appointment)
Assistant Professor of Neurological Surgery
MD Tianjin Medical University 1997
PHD University of Louisville 2003
MS Peking Union Medical College 2000

Maria J Canizares, MD
Instructor in Clinical Medicine (Dermatology) (primary appointment)
BA Saint Louis University 1996
MD Saint Louis University 2001

Rosemary L Cannistraro, MD
Instructor in Clinical Medicine (primary appointment)
MD Saint Louis University 1992

Song Cao, BE, PHD
Instructor in Medicine (primary appointment)
BE Harbin Normal University 1999
PHD Zhejiang Medical University 2003

Rebecca Goodwin Carey
Adjunct Instructor in Medicine (primary appointment)

Abigail L Carlson, MD
Instructor in Medicine (primary appointment)
BA Wellesley College 2005
MD Johns Hopkins University 2010
Kim Alan Carmichael, MD  
Professor of Medicine (primary appointment)  
MD Virginia College 1978

Christopher Robert Carpenter, MD  
Associate Professor of Emergency Medicine in Medicine (primary appointment)  
MD Wayne State University 1994

David B Carr, MD  
Professor of 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)  
BA University of Texas Austin 1992  
MD Uniformed Serv U of Health Sciences 1996

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

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

Roque Castillo  
Assistant Professor of Medicine (primary appointment)

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

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

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

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

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

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

Dennis Tian-Shu Chang, MED  
Associate Professor of Medicine (Pending Executive Faculty Approval) (primary appointment)  
BS Yale University 1999  
MED University of Chicago 2003

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

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

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

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

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

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

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

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

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

Chien-Huan Chen, PHD, MD
Professor of Medicine (primary appointment)
PHD Johns Hopkins University Medic 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

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

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

Phyllis Chen, MD
Instructor in Clinical Medicine (primary appointment)
MD Northwestern University Med 1992

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

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

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

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)
BS Washington Univ in St. Louis 1998
MBBS Sri Ramachandra Medical Colleg 2005

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

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

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

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

Phillip Ruben Chisholm
Instructor in Clinical Medicine (primary appointment)

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

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

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

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

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 Univers 2010

Vincenza Cifarelli, MS, PHD
Assistant Professor of 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)
BA University of Missouri 1973
MD Saint Louis University 1977

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

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

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

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

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

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

Sarah F Cole
Instructor in Clinical Medicine (primary appointment)

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

Kim David Colter, MD, MS
Instructor in Clinical Medicine (primary appointment)
MD Washington Univ in St. Louis 1978
BS MO S&T (formerly UofMO Rolla) 1973
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
Associate Professor of Medicine (primary appointment)
BS Washington Univ in St. Louis 1999
MD Loyola University Chicago 2003

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

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

Dominique Leah Cosco, MD
Associate Professor of Medicine (Pending Executive Faculty Approval) (primary appointment)
Director of Teacher Development with Academy of Health Professionals
MD Tulane University 2005

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

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

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

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

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

Clarissa S. Craft, PHD
Assistant Professor of Medicine (primary appointment)
Assistant Professor of Cell Biology and Physiology
Johnetta M Craig, MBA, MD  
Instructor in Clinical Medicine (primary appointment)  
MBA University of Pennsylvania 1994  
MD University of Iowa 1986  
BS University of Missouri 1980

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

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

Zachary David Crees, MD  
Instructor in Medicine (primary appointment)  
BA University of Colorado 2011  
MD University of Illinois 2015

Sharon Cresci, MD  
Associate Professor of Medicine (primary appointment)  
Associate Professor of Genetics  
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)  
MD University of Kansas 1984  
BS University of Notre Dame 1980

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

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

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

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

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

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

Stacy Zhao Dai, MD  
Instructor in Medicine (primary appointment)  
MD Washington Univ in St. Louis 2013  
BA Brandeis University 2009

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  
MD Harvard University 1951  
BA Princeton University 1947

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

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

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

Peter G Danis  
Instructor in Clinical Medicine (primary appointment)

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

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

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

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

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

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

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

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

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

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

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

Jeffrey M Davis, MD  
Instructor in Emergency Medicine in Medicine (Pending Dean's Approval) (primary appointment)  
MD Vanderbilt University 1999

Thomas Edward Davis  
Instructor in Clinical Medicine (primary appointment)

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

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

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

Ronald David Dean, DOST  
Instructor in Emergency Medicine in Medicine (Pending Dean's Approval) (primary appointment)  
DOST Kansas Cty Univ Med/Bioscience 1987  
BS Southern Illinois U Carbondale 1983

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)  
BS University of MO Columbia 1998  
MD University of MO Columbia 2003

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)  
BS Creighton University 2000  
MD Creighton University 2004

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

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

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

**Teresa Deshields, 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)
BS Michigan State University 2000
MD Michigan State University 2004

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

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

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

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

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

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

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

**John F Dipersio, PHD, MD**
Virginia E and Sam J Golman Professor of Medicine (primary appointment)
Professor of Pathology and Immunology
Professor of Pediatrics

BA Williams College 1973
PHD University of Rochester 1980
MD University of Rochester 1980

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

**Abhinav Diwan, MD**
Associate Professor of Medicine (primary appointment)
MD All India Inst of Medical Sc 1997

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

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

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

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

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

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

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

**James Matthew DuBois, MA, PHD, D SC**
Steven J Bander Professor of Medical Ethics and Professionalism (primary appointment)
Professor of Psychological & Brain Sciences
BA Franciscan University Stubenv 1989
MA University of Rhode Island 1990
PHD Intrnl Academy of Philosophy 1992
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
BS Mount Holyoke College 1997
PHD Washington Univ in St. Louis 2009

Maria C Dumadag-Sabio, MD
Instructor in Clinical Medicine (primary appointment)
BA University of Missouri 1988
MD University of Missouri 1988

Edward Harry DuMontier
Instructor in Clinical Medicine (primary appointment)

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

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

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

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

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

Stilianos 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)
BS Southern Illinois University 1980
MD Southern Illinois University 1983

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

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

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

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)
MD University of the Philippines 2004
BS University of the Philippines 1999

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

Neil A Ettinger, MD
Assistant Professor of Clinical Medicine (primary appointment)
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)
St. Louis University 1993
BS University of Illinois 1982
MD Washington Univ in St. Louis 1986

Carol Jane Evers, MD
Instructor in Clinical Medicine (primary appointment)
MD Brown University 1977
BA Brown University 1973

Gregory A Ewald, MD
Professor of Medicine (primary appointment)
MD Northwestern University 1989
BS University of Illinois 1985

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

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

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

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

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

Francesca Ferraro, PHD, MD
Instructor in Medicine (primary appointment)
PHD University of Parma 2014
MD University of Parma 2004

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

Mark A Fiala
Instructor in Medicine (primary appointment)
BS Southeast Missouri St Univers 2006

Kathryn Lynn Filson, MD
Instructor in Medicine (primary appointment)
MD Southern Illinois University 2015

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

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)
BS Georgetown University 1989
MD Saint Louis University 1995

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

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

Peter Joseph Fletcher
Instructor in Emergency Medicine in Medicine (Pending Dean's Approval) (primary appointment)

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

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

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

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

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

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

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

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

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

Cassandra Delores-Lamar Fritz, MD
Instructor in Medicine (primary appointment)
BS University of Kansas 2010

MD University of Chicago 2015

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

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

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

Suzanne Furesz
Instructor in Clinical Medicine (primary appointment)

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

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

Daniel Gaitan, 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

Joseph Lee Galkowski, DOST
Instructor in Emergency Medicine in Medicine (Pending Dean's Approval) (primary appointment)
BS University of MO Columbia 1990
DOST Kansas Cty Univ Med/Bioscience 1994

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

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

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
BS Mass Inst of Technology (MIT) 1967
MD New York University 1971

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

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

Thomas J Girard, PHD
Assistant Professor of Medicine (primary appointment)

BS Univ of Wisconsin Oshkosh 1979
PHD Iowa State University 1985

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

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

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

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

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

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)
BS University of Puerto Rico 2004
MD University of Puerto Rico 2008
Daniel M Goodenberger, MD  
Professor of Medicine (primary appointment)  
MD Duke University 1974  
BS University of Nebraska 1970

David Alan Goran, MD  
Assistant Professor of Medicine (Pending Executive Faculty Approval) (primary appointment)  
MD Washington Univ in St. Louis 1976  
BA University of Michigan 1972

John Gorcsan III, MD  
Professor of Medicine (primary appointment)  
MD Pennsylvania State University 1983  
BA Lehigh University 1979

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

Ramaseswamy 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) (primary appointment)  
MD University of MO Columbia 1975  
BS University of MO St Louis 1971

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

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

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

Malachi Griffith, BS1, PHD  
Assistant Professor of Medicine (primary appointment)  
Assistant Professor of Genetics  
BS1 University of Winnipeg 2002  
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  
PHD British Columbia Open Univ 2008  
BS University of Winnipeg 2002

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

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

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

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

Vyjanthanath 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

Anjali Gupta, MD  
Instructor in Medicine (primary appointment)  
MD Univ Texas Health Science Ctr 2015  
BS Johns Hopkins University 2010

Maria Gurrieri, MD, DIP
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)
BS University of MO Columbia 1999
PHD Univ of Minnesota Twin Cities 2005

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

Yasir A Hamad, MD
Assistant Professor of Medicine (primary appointment)
MD University of Juba 2004

Stephanie M Hammer, MD
Instructor in Clinical Medicine (primary appointment)
MD Chicago St University 1995

Zahirul Haque
Instructor in Clinical Medicine (primary appointment)

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

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

Lydia-Arn Lynell Harris, PHD
Assistant Professor of Medicine (primary appointment)
PHD State University of New York 2011

Justin C Hartupee, MD
Assistant Professor of Medicine (Pending Executive Faculty Approval) (primary appointment)
MD Case Western Reserve Univ 2010

Jeffrey A Haspel, PHD, MD
Assistant Professor of Medicine (primary appointment)
PHD New York U. School of Medicine 2001
BS Binghamton University 1994
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)
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  
BA University of Louisville 1957  
MD University of Louisville 1961

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, MD, PHD  
Associate Professor of Medicine (primary appointment)  
Associate Professor of Molecular Microbiology  
BS Univ of Wisconsin Madison 1994  
MD Washington Univ in St. Louis 2002  
PHD 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)  
MD Saint Louis University 1991  
BA Saint Louis University 1982

Daniel Robert Herleth  
Instructor in Clinical Medicine (primary appointment)

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

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

Alonso Heudebert, MD  
Instructor in Medicine (primary appointment)  
MD University of South Alabama 2016

Christine Lynn Heumann, MD  
Assistant Professor of Medicine (Pending Executive Faculty Approval) (primary appointment)  
MD Indiana State University 2011

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

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, MD, MA  
Assistant Professor of Emergency Medicine in Medicine (primary appointment)  
MD Washington Univ in St. Louis 1970  
MA Washington Univ in St. Louis 1970  
BA Washington Univ in St. Louis 1965

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)  
BS Washington Univ in St. Louis 2001  
MD Washington Univ in St. Louis 2009  
PHD Washington Univ in St. Louis 2009

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)  
BS Univ of Wisconsin Madison 1994  
MD Washington Univ in St. Louis 1999

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

Timothy Richard Holden, MA, MD
Assistant Professor of Medicine (Pending Executive Faculty Approval) (primary appointment)
MA University of Wisconsin 2013
MD University of Minnesota 2010
BS Northwestern University 2006

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)
BA Clark University 1975
MD Washington Univ in St. Louis 1982

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

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

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

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

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

David Thomas Howell
Instructor in Clinical Medicine (primary appointment)

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

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

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

Fong Fu Hsu, MS, PHD
Professor of Medicine (primary appointment)
MS Tsinghua University, China 1975
BS School Not Listed 1970
PHD University of Utah 1986

Kevin Hsueh, MD, BS1
Assistant Professor of Medicine (primary appointment)
MD New York University 2008
BS Williams College 2003
BS1 Williams College 2003

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

Lily Huang, MD
Instructor in Medicine (primary appointment)
MD Tulane University 2013

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

Yafei Huang, PHD, MS
Instructor in Medicine (primary appointment)
PHD Univ of Texas Med Sch Houston 2007
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)
BA Washington Univ in St. Louis 1995
MD Loyola University Chicago 2000

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

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

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

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)
MD University of Missouri 1982
BS Southeast Missouri St Univers 1978

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

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

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

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)
BS Rhodes College 1981
MD Saint Louis University 1985

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

Nhila Jagadeesan, MD
Instructor in Medicine (primary appointment)
BS Indiana University Purdue 2011
BA Indiana University Purdue 2011
MD Washington Univ in St. Louis 2015

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

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

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

Tushina Jain, MD
Instructor in Medicine (primary appointment)
MD New York U. School of Medicine 2015

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)
<table>
<thead>
<tr>
<th>Name</th>
<th>Title and Education Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>M PH Saint Louis University 2008</td>
<td>MBCHB University of Baghdad 2001</td>
</tr>
<tr>
<td><strong>Daniel Ragin Jasper, MD</strong></td>
<td>Instructor in Clinical Medicine (primary appointment)</td>
</tr>
<tr>
<td>BA University of Texas Austin 1990</td>
<td>MD Saint Louis University 1994</td>
</tr>
<tr>
<td><strong>Anuja Java, MD</strong></td>
<td>Assistant Professor of Medicine (primary appointment)</td>
</tr>
<tr>
<td>BA University of Texas Austin 1990</td>
<td>MD Saint Louis University 1994</td>
</tr>
<tr>
<td><strong>Ali Javaheri, MD, PHD</strong></td>
<td>Instructor in Medicine (primary appointment)</td>
</tr>
<tr>
<td>MD University of Chicago 2008</td>
<td>BA University of Chicago 2000</td>
</tr>
<tr>
<td>BS University of Chicago 2000</td>
<td>PHD University of Chicago 2006</td>
</tr>
<tr>
<td><strong>Donna Beth Jeffe, PHD, MA</strong></td>
<td>Professor of Medicine (primary appointment)</td>
</tr>
<tr>
<td>PHD Washington Univ in St. Louis 1993</td>
<td>BA Washington Univ in St. Louis 1972</td>
</tr>
<tr>
<td>MA Washington Univ in St. Louis 1990</td>
<td>BS University of Texas Austin 1992</td>
</tr>
<tr>
<td><strong>Christopher M. Jenkins, PHD</strong></td>
<td>Assistant Professor of Medicine (primary appointment)</td>
</tr>
<tr>
<td>BS Michigan State University 1991</td>
<td>PHD Vanderbilt University 1997</td>
</tr>
<tr>
<td><strong>Maya Jerath, MD, PHD, MS</strong></td>
<td>Professor of Medicine (primary appointment)</td>
</tr>
<tr>
<td>MD University of Vermont 2000</td>
<td>PHD University of Texas Austin 1992</td>
</tr>
<tr>
<td>MS University of Texas Austin 1990</td>
<td>BS University of Texas Austin 1992</td>
</tr>
<tr>
<td><strong>Joyce Ji, MD</strong></td>
<td>Instructor in Medicine (primary appointment)</td>
</tr>
<tr>
<td>MD Washington Univ in St. Louis 2016</td>
<td>BS University of Texas Austin 1992</td>
</tr>
<tr>
<td><strong>Xuntian Jiang, PHD</strong></td>
<td>Assistant Professor of Medicine (primary appointment)</td>
</tr>
<tr>
<td>PHD China Pharmaceutical Univ 1992</td>
<td>BS University of Texas Austin 1992</td>
</tr>
<tr>
<td><strong>Morris Joftus, MD</strong></td>
<td>Assistant Professor of Clinical Medicine (primary appointment)</td>
</tr>
<tr>
<td>MD University of Illinois 1967</td>
<td>BS University of Saint Thomas 2002</td>
</tr>
<tr>
<td><strong>Tanner Michael Johanns, PHD, MD</strong></td>
<td>Instructor in Medicine (primary appointment)</td>
</tr>
<tr>
<td>BS University of Wisconsin 1989</td>
<td>MD University of Wisconsin Madison 1999</td>
</tr>
<tr>
<td><strong>Eric Keith Johnson, MD</strong></td>
<td>Assistant Professor of Medicine (primary appointment)</td>
</tr>
<tr>
<td>MD University of Wisconsin Madison 1999</td>
<td>BS University of Wisconsin Madison 1999</td>
</tr>
<tr>
<td><strong>Reuben D Johnson, MD, BE, BS1</strong></td>
<td>Assistant Professor of Emergency Medicine in Medicine (primary appointment)</td>
</tr>
<tr>
<td>MD Howard University College of M 2002</td>
<td>BS University of Wisconsin-Madison 1989</td>
</tr>
<tr>
<td>BE Georgia Tech 1996</td>
<td>BS1 Morehouse College 1996</td>
</tr>
<tr>
<td><strong>William F Johnson</strong></td>
<td>Adjunct Instructor in Medicine (primary appointment)</td>
</tr>
<tr>
<td><strong>Grace Dizon-Retiro Jones</strong></td>
<td>Instructor in Emergency Medicine in Medicine (Pending Dean's Approval) (primary appointment)</td>
</tr>
<tr>
<td><strong>Gregory D Jones, DOST</strong></td>
<td>Instructor in Emergency Medicine in Medicine (Pending Dean's Approval) (primary appointment)</td>
</tr>
<tr>
<td><strong>Heather Jones, MD</strong></td>
<td>Assistant Professor of Medicine (Dermatology) (primary appointment)</td>
</tr>
<tr>
<td>BS Michigan State University 2007</td>
<td>MD University of Texas Galveston 2011</td>
</tr>
<tr>
<td><strong>Amy M Joseph, MD</strong></td>
<td>Professor of Medicine (primary appointment)</td>
</tr>
<tr>
<td>BA Johnston Community College 1977</td>
<td>MD Vanderbilt University 1986</td>
</tr>
<tr>
<td><strong>Barbara Jost, MD, MS</strong></td>
<td>Instructor in Clinical Medicine (primary appointment)</td>
</tr>
<tr>
<td>MD Saint Louis University 1997</td>
<td>MS Northwestern University 1995</td>
</tr>
<tr>
<td>BS University of Missouri 1993</td>
<td>BS University of Missouri 1993</td>
</tr>
<tr>
<td><strong>Randall S Jotte, MD</strong></td>
<td>Associate Professor of Emergency Medicine in Medicine (primary appointment)</td>
</tr>
<tr>
<td>MD Harvard University 1987</td>
<td>BS University of Wisconsin-Madison 1989</td>
</tr>
<tr>
<td><strong>Karen Ellen Joynt Maddox, MD</strong></td>
<td>Assistant Professor of Medicine (primary appointment)</td>
</tr>
<tr>
<td><strong>K</strong></td>
<td>Assistant Professor of Social Work</td>
</tr>
<tr>
<td><strong>Brad S Kahl, MD</strong></td>
<td>Professor of Medicine (primary appointment)</td>
</tr>
<tr>
<td>BS University of Wisconsin-Madison 1989</td>
<td>MD Tufts University 1994</td>
</tr>
<tr>
<td><strong>Caroline Holleck Kahle, MD</strong></td>
<td>Assistant Professor of Medicine (primary appointment)</td>
</tr>
<tr>
<td>MD University of North Carolina 2006</td>
<td>BS University of Wisconsin-Madison 1989</td>
</tr>
<tr>
<td><strong>Sona Sharad Kamat</strong></td>
<td>Instructor in Clinical Medicine (primary appointment)</td>
</tr>
<tr>
<td><strong>Vinay Gopal Kamat, MD</strong></td>
<td>Instructor in Clinical Medicine (primary appointment)</td>
</tr>
<tr>
<td>MD University of Pennsylvania 1994</td>
<td>BS University of Wisconsin-Madison 1989</td>
</tr>
</tbody>
</table>
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, MD, BE, MS2  
Associate Professor of Medicine (primary appointment)  
MD Case Western Reserve Univ 2001  
BE Princeton University 1994  
MS2 Ohio State University 1997

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

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)  
BA University of MO St Louis 1978  
PHD Saint Louis University 1985  
BA University of MO St Louis 1978

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

Timothy Lee Kella, MD  
Instructor in Emergency Medicine in Medicine (Pending Dean's Approval) (primary appointment)  
BA Saint Louis University 1978  
MD Saint Louis University 1982

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

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

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)  
MD Jefferson Medical College 2005  
BS Saint Josephs University 2001

Ahmed Sultan Khan  
Adjunct Instructor in Medicine (primary appointment)

Charbel Chafic Khoury, MD  
Assistant Professor of Medicine (primary appointment)  
MD American University of Beirut 2008  
BS American University of Beirut 2004

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

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

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

Mary Kiehl, AS, MD
Assistant Professor of Clinical Medicine (primary appointment)
AS Long Beach City College 1976
BA University of California 1985
MD University of California 1990
**Kenneth Richard Killian, MD**
Instructor in Clinical Medicine (primary appointment)
MD Saint Louis University 1984
BS Saint Louis University 1980

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

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

**Alfred Kim, MD, PHD**
Assistant Professor of Medicine (primary appointment)
Assistance Professor of Pathology and Immunology
MD Drexel University 2005
BA University of Pennsylvania 1996
PHD Drexel University 2005

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

**Miriam Yunhee Kim, MD**
Instructor in Medicine (primary appointment)
BS Yonsei University 2004
MD Seoul National University 2008

**Sun-Joong Kim, PHD**
Instructor in Medicine (primary appointment)
BS Hannam University 2004
PHD Korea University 2012

**Helen Young Kim-James, MD**
Instructor in Clinical Medicine (Dermatology) (primary appointment)
MD Washington Univ in St. Louis 2001
BA Southern Methodist University 1997

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

**Donald Kevin King, MD**
Assistant Professor of Clinical Medicine (primary appointment)
BA Fairfield University 1966

MD Johns Hopkns University Medic 1970

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

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

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

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

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

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

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

**Linda Marie Klutho, MD**
Instructor in Clinical Medicine (primary appointment)
MD University of Missouri 1984
BA Washington Univ in St. Louis 1980

**Paula J Knapp-Baker**
Instructor in Clinical Medicine (primary appointment)
Eric Knoche, MD  
Assistant Professor of Medicine (primary appointment)  
BS Davidson College 2001  
MD Washington Univ in St. Louis 2006

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

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

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

Nita Kohli, MD, M PH  
Assistant Professor of Medicine (Dermatology) (Pending Executive Faculty Approval) (primary appointment)  
MD Louisiana St University 2004  
BS University of New Orleans 2000  
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)  
MD University of Rochester 1983  
BS US Military Academy 1979

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

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

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

Kevin L Konzen, MD  
Assistant Professor of Clinical Medicine (primary appointment)  
BA University of Notre Dame 1980  
MD University of Illinois 1984

Robert G Kopitsky, MD  
Assistant Professor of Clinical Medicine (primary appointment)  
BS Emory University 1978  
MD Duke University 1982

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

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

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

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

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

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

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

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

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

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

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

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

**Ralph F Kuhlman, MD**
Assistant Professor of Clinical Medicine (primary appointment)
MD University of Illinois 1964

**Frederick Matthew Kuhlmann, MD**
Assistant Professor of Medicine (primary appointment)
BS Emory University 1998
MD Emory University 2002

**Anthony Kulczycki Jr, MD**
Associate Professor of Medicine (primary appointment)
BS University of Illinois 1982
MD Saint Louis University 1986

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

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

**Robin A. Kundra, PHD, MD, BS1**
Instructor in Clinical Medicine (primary appointment)
BS University of Texas 2000
MD University of Texas 2000
BS1 University of Texas 2000

**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 Massachusetts Institute of Technology (MIT) 1979
MD New York Medical College 1984
BS1 Massachusetts Institute of Technology (MIT) 1979
MEE Princeton University 1980

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

**Jennie H Kwon, DOST**
Assistant Professor of Medicine (primary appointment)
BA University of Illinois-Urbana-Champaign 2005
BS University of Illinois-Urbana-Champaign 2005
DOST Chicago College of Osteopathic Medicine 2009

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

**Daniel J Lackey**
Instructor in Emergency Medicine in Medicine (Pending Dean’s Approval) (primary appointment)

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

**Roop Lal, MS**
Assistant Professor of Medicine (primary appointment)
MS Osmania Medical College 1971

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

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

**Gregory Mark Lanza, MD, MS, PHD**
Professor of Medicine (primary appointment)
James R Hornsby Family Professor in Biomedical Sciences
Professor of Biomedical Engineering
BA Colby College 1975
MD Northwestern University 1992
MS University of Georgia 1978
PHD University of Georgia 1981

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

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

**John M Lasala, PHD, MD**
Professor of Medicine (primary appointment)
Professor of Surgery (Cardiothoracic Surgery)
PHD Saint Louis University 1979
BA Drew University 1975
MD University of Connecticut 1983

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

Kory J. Lavine, MD, PHD
Assistant Professor of Medicine (primary appointment)
Assistant Professor of Developmental Biology
MD Washington Univ in St. Louis 2008
BS University of Rochester 2001
PHD 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, MD, MS
Associate Professor of Medicine (primary appointment)
BS Rose Hulman Institute 1992
MD Washington Univ in St. Louis 1997
MS University of London 2004

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

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

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

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

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

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

MD1 University of Chicago 1998
PHD1 University of Chicago 1995
MD University of Chicago 1998
PHD University of Chicago 1995

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

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

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

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

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

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

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, MD, BA1
Assistant Professor of Medicine (primary appointment)
MD University of Maryland 2004
BA1 Cornell University 1998
BA Cornell University 1998

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

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

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

Kathryn Jesseca Lindley, MD
Assistant Professor of Medicine (primary appointment)
Assistant Professor of Obstetrics and Gynecology
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
( primary appointment)
Professor of Pathology and Immunology
BS Univ of Wisconsin Milwaukee 1981
MD Univ of Wisconsin Milwaukee 1985

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

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

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

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

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

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

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

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

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

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

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

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

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
MD Drexel University 2005
BS University of California 1995

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

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

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

Herbert Lubowitz, MD
Associate Professor of Clinical Medicine (primary appointment)
MD Washington Univ in St. Louis 1958
BA Clark University 1954

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

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

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

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

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

Christian Raymond Lynch
Instructor in Clinical Medicine (primary appointment)

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

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

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

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

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

Jimmy Ma
Instructor in Medicine (primary appointment)

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

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

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

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

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

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)
BA Cornell College 1995
MD Saint Louis University 2001
BA1 Cornell College 1995

Jambunathan Mahadevan
Instructor in Clinical Medicine (primary appointment)

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

Nicole Maher, PHD
Assistant Professor of Medicine (primary appointment)
BA Ithaca College 1998
PHD Case Western Reserve Univ 2007
Mohamed Mahjoub, PHD  
Assistant Professor of Medicine (primary appointment)  
Assistant Professor of Cell Biology and Physiology  
BS Simon Fraser University 2002  
PHD Simon Fraser University 2007

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

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

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

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

Andrew F. Malone, MBCHB1  
Assistant Professor of Medicine (primary appointment)  
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, MBBS, MD  
Instructor in Clinical Medicine (primary appointment)  
MBBS Medical College of India 2004  
MD University of Illinois 2011

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

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

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

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

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

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

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

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

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

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)  
BS University of Illinois 1990  
MD Washington Univ in St. Louis 1994  
MBA Washington Univ in St. Louis 1999

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

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

Caline Mattar, MD  
Assistant Professor of 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)  
BS University of Illinois 1971  
MD Washington Univ in St. Louis 1975

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)
BS Saint Louis University 1980
MD American Univ of the Caribbean 1984
Donte D McClary, MD
Instructor in Clinical Medicine (primary appointment)
MD Meharry Med College 1998
BS Xavier University 1993
Kyle Stephan McCommis, PHD
Assistant Professor of Medicine (primary appointment)
PHD University of MO Columbia 2013
BS University of Kansas 2006
William H. McCoy IV, PHD, BS1, MD
Instructor in Medicine (primary appointment)
PHD Washington Univ in St. Louis 2013
BS1 University of Pittsburgh 2002
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)
MD Oregon Health Science Univers 1998
BA Duke University 1991
BS Portland St University 1994
Debra Ann McDonnell, AS, DPT, MS
Associate Professor of Emergency Medicine in Medicine (primary appointment)
Associate Professor of Orthopaedic Surgery
Associate Professor of Physical Therapy
AS Oakton Community College 2000
DPT Washington Univ in St. Louis 2005
BS Washington Univ in St. Louis 1990
MS Washington Univ in St. Louis 1990
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)
MD University of MO Columbia 2008
BS Fairfield University 2004
Janet B McGill, MA, MD
Professor of Medicine (primary appointment)
BS University of Michigan 1972
MA Northern Michigan University 1980
MD Michigan State University 1979
Tristan Joy McIntosh, PHD, MS
Instructor in Medicine (primary appointment)
PHD University of Oklahoma 2018
BS University of Utah 2013
MS University of Oklahoma 2015
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)
BA University of Missouri 1989
MD University of Missouri 1989
Robert M McMahon, MD, JD
Instructor in Clinical Medicine (primary appointment)
BA University of California 1971
MD Washington Univ in St. Louis 1989
JD University of California 1974
Amy McQueen, PHD, MA
Associate Professor of Medicine (primary appointment)
PHD University of Houston 2002
MA University of Houston 1999
BA University of CA San Diego 1996
Jesse L Mecham, MD
Instructor in Emergency Medicine in Medicine (Pending Dean's Approval) (primary appointment)
MD University of Cincinnati 2010
Gerald Medoff, MD
Professor Emeritus of Medicine (primary appointment)
BA School Not Listed 1958
MD Washington Univ in St. Louis 1962
Neha Mehta-Shah, MD
Assistant Professor of Medicine (primary appointment)
BA Northwestern University 2005
MD Northwestern University Med 2009
Anibal G Melo, MD
Instructor in Clinical Medicine (primary appointment)
MD Washington Univ in St. Louis 1991
Gary Jay Meltz, MD
Instructor in Clinical Medicine (primary appointment)
MD University of Miami 1977
BA University of Missouri 1972
Robert S Mendelsohn, MD
Associate Professor of Clinical Medicine (primary appointment)
BA Washington & Lee 1950
MD Washington Univ in St. Louis 1954
Ronald L Mera, MD  
Instructor in Clinical Medicine (primary appointment)  
MD School Not Listed 1976  
BS School Not Listed 1970

Manasa M Metireddy, MD  
Instructor in Medicine (Pending Dean's Approval) (primary appointment)  
MD Sri Venkateswara University 2006

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

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

Scott Micek, MD  
Adjunct Instructor in Medicine (primary appointment)  
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)  
MD Saint Louis University 2003  
BA Saint Louis University 1999

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

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

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

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

Jeffrey R Millman, PHD  
Assistant Professor of Medicine (primary appointment)  
Assistant Professor of Biomedical Engineering  
BS North Carolina State Universit 2005  
PHD Mass Inst of Technology (MIT) 2011

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

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  
PHD University of Oklahoma 2008  
BS Brigham Young University 2002  
MD University of Oklahoma 2010

Khurram Rehman Mirza, MBBS  
Instructor in Medicine (primary appointment)  
MBBS King Edward Medical College 2002

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

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

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

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

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

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
MD University of Pittsburgh 1954
BS University of Missouri 1952

Sung Ho Moon, MS, PHD
Instructor in Medicine (primary appointment)
MS Yonsei University 1999
BS Yonsei University 1997
PHD Washington Univ in St. Louis 2006

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

Timothy D Moore
Instructor in Clinical Medicine (primary appointment)

Zachary Andrew Morgan, MD
Instructor in Medicine (primary appointment)
MD Univ of TN - Health Sci Center 2015

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

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

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)
MS University of Pennsylvania 2017
BS University of Toronto 1998
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

Ivan Nimrod Mugisha, MD
Instructor in Medicine (primary appointment)
MD University of Illinois Chicago 2015

Faquir Muhammud
Instructor in Clinical Medicine (primary appointment)

Joshua Mutambuki Muia, PHD
Instructor in Medicine (primary appointment)
BA University of Nairobi 2003
PHD Western Michigan University 2010

Daniel Kast Mullady, MD
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, PHD, MS
Associate Professor of Medicine (primary appointment)
BS University of Missouri 1978
PHD Saint Louis University 1992
MS University of Missouri 1984

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)

Muithi Mwanthi, MD, BS1
Assistant Professor of Medicine (Dermatology) (PEFA) (primary appointment)
MD Indiana State University 2014
BS1 Clearwater Christian College 2004

N

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

Jyotirmaya Nanda
Instructor in Clinical Medicine (primary appointment)

Nicola Napoli
Adjunct Research Assistant Professor of Medicine (primary appointment)

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

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

Robert F Nease 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)
MD Loyola University Chicago 1974
BS City College 1970

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

Elizabeth P. Newberry, PHD
Assistant Professor of Medicine (primary appointment)
BA Knox College 1988

PHD Washington Univ in St. Louis 1995

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

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

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

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

Jonas Gottfried Noe, MD
Instructor in Medicine (primary appointment)
MD Technische Universitat Darmsta 2014

Joan P Noelker, MD
Assistant Professor of 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
Assistant Professor of 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)
BS Xavier University Louisana 1998
MD Louisiana St Univ Hlth Sci 2002

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)
BA New York University 1969
MD School Not Listed 1973

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)
MD School Not Listed 1977
BA University of Kansas 1972

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

Samuel Aaron Ockner, MD
Instructor in Emergency Medicine in Medicine (Pending Dean's Approval) (primary appointment)
MD University of Cincinnati 1984
BA Miami University 1980

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

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

Stephen T. Oh, PHD, MD
Assistant Professor of Medicine (primary appointment)
Assistant Professor of Pathology and Immunology
PHD Northwestern University 2002
BS Harvard University 1996
MD Northwestern University 2004

Eze Okeagu, MA, MD
Instructor in Medicine (primary appointment)
MA University of Chicago 2016
MD University of North Carolina 2016
BS University of Chicago 2016

Adewole L. Okunade, PHD
Associate Professor of Medicine (primary appointment)
BS University of Ibadan 1975
PHD University of Ibadan 1981

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

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

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

Peter J. Oppelt, MD
Assistant Professor of Medicine (primary appointment)
BS Saint Louis University 2004
MD University of MO Columbia 2008

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)
MD University of Miami 1979
BS Yale University 1975

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 Otti, 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, PHD, MS
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)
BA Washington Univ in St. Louis 1953
BS University of Missouri 1954
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, MA, MD
Professor of Emergency Medicine in Medicine (primary appointment)
Professor of Neurology
MA Boston University 1994
BA Dartmouth College 1987
MD Emory University 1994

Anupam S Pande, MS, MBBS
Assistant Professor of Medicine (primary appointment)
MS University of Texas Houston 2011
MBBS Byramjee Jeejeebboy Medical Co 2009

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

Kerry Will Pantelis, MD
Instructor in Medicine (primary appointment)
MD University of MO Kansas City 2004

Andrew Yong-Woo Park, MD
Instructor in Medicine (primary appointment)
MD St. George's University 2006
BA Yale University 1995

Haeseong Park, MD, MS
Assistant Professor of Medicine (primary appointment)
BS Seoul National University 2001
MD Seoul National University 2006
MS Johns Hopkins University Medic 2007

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

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

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

Suchitra Pilli, MPH, MD
Instructor in Medicine (primary appointment)
MPH University of North Texas 2008
MD Kasturba Medical College 2005

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

Beatrice Plougastel Douglas, PHD
Instructor in Clinical 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
BA Stanford University 1979
MD Washington Univ in St. Louis 1983

Harish Ponnuru, MD

BFA Southern Methodist University 1977
MS Central Michigan University 1984
DOST School Not Listed 1992

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

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

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

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

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

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

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

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

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

Jennifer A Phillips, MD, PHD, PHD
Associate Professor of Medicine (primary appointment)
Associate Professor of Molecular Microbiology
BA Columbia University 1991
MD University of CA San Francisco 2000
PHD University of CA San Francisco 1998
PHD University of CA San Francisco 2015
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, MA, MD
Assistant Professor of Clinical Medicine (Dermatology) (primary appointment)
MA University of California 1974
MD Washington Univ in St. Louis 1978
BS Purdue University 1972

Daniel E Potts, MD
Associate Professor of Clinical Medicine (primary appointment)
BS Beaufort Technical College 1988
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
MA 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)
PHD Georgia Tech 1993
BS Union University 1988

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

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

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

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)
MD Saint Louis University 1979
BA Northwestern University 1975

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

Aaron J Pugh
Adjunct Instructor in Medicine (primary appointment)

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

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)
BS University of Illinois 1985
MD University of Illinois 1989

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

Srinivasan Dubagunta Rao
Adjunct Instructor in Medicine (primary appointment)

U. Ramakrishna Rao, PHD, MS
Associate Professor of Medicine (primary appointment)
BS Mysore University 1975

U. Ramakrishna Rao, PHD, MS
Associate Professor of Medicine (primary appointment)

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

Srinivasan Dubagunta Rao
Adjunct Instructor in Medicine (primary appointment)

U. Ramakrishna Rao, PHD, MS
Associate Professor of Medicine (primary appointment)
BS Mysore University 1975
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antonella Luisa Rastelli</td>
<td>MD Associate Professor of Medicine (primary appointment)</td>
</tr>
<tr>
<td></td>
<td>MD Associate Professor of Surgery (General Surgery)</td>
</tr>
<tr>
<td></td>
<td>BA University of Verona 1984</td>
</tr>
<tr>
<td></td>
<td>MD University of Verona 1991</td>
</tr>
<tr>
<td>Keith M Ratcliff</td>
<td>MD Instructor in Clinical Medicine (primary appointment)</td>
</tr>
<tr>
<td>Gary A Ratkin, MD</td>
<td>MD Associate Professor of Clinical Medicine (primary appointment)</td>
</tr>
<tr>
<td></td>
<td>Instructor in Clinical Radiation Oncology</td>
</tr>
<tr>
<td></td>
<td>MD Washington Univ in St. Louis 1967</td>
</tr>
<tr>
<td></td>
<td>BA Rice University 1963</td>
</tr>
<tr>
<td>Felicia Ratnaraj, MD</td>
<td>Instrructor in Medicine (primary appointment)</td>
</tr>
<tr>
<td></td>
<td>MD University of MO Kansas City 2014</td>
</tr>
<tr>
<td></td>
<td>BA University of MO Kansas City 2012</td>
</tr>
<tr>
<td>Lee Ratner, MA, MD, PhD</td>
<td>Professor of Medicine (primary appointment)</td>
</tr>
<tr>
<td></td>
<td>Alan A and Edith L Wolff Professor of Oncology</td>
</tr>
<tr>
<td></td>
<td>Professor of Molecular Microbiology</td>
</tr>
<tr>
<td></td>
<td>MA Harvard University 1973</td>
</tr>
<tr>
<td></td>
<td>BA Harvard University 1973</td>
</tr>
<tr>
<td></td>
<td>MD Yale University 1979</td>
</tr>
<tr>
<td></td>
<td>PHD Yale University 1979</td>
</tr>
<tr>
<td>Daniel Rauch, PHD, BS1</td>
<td>Assistant Professor of Medicine (primary appointment)</td>
</tr>
<tr>
<td></td>
<td>PHD University of Iowa 2001</td>
</tr>
<tr>
<td></td>
<td>BS Augustana College 1996</td>
</tr>
<tr>
<td></td>
<td>BS1 Augustana College 1996</td>
</tr>
<tr>
<td>Michael I. Rauchman, MD</td>
<td>Professor of Medicine (primary appointment)</td>
</tr>
<tr>
<td></td>
<td>MD McGill University 1984</td>
</tr>
<tr>
<td></td>
<td>BA Tufts University 1980</td>
</tr>
<tr>
<td>Saadia Taufig Raza, MD</td>
<td>Assistant Professor of Clinical Medicine (Dermatology) (primary</td>
</tr>
<tr>
<td></td>
<td>appointment)</td>
</tr>
<tr>
<td></td>
<td>BA Emory University 1993</td>
</tr>
<tr>
<td></td>
<td>MD Emory University 1997</td>
</tr>
<tr>
<td>Babak Razani, PHD, MD</td>
<td>Assistant Professor of Medicine (primary appointment)</td>
</tr>
<tr>
<td></td>
<td>Assistant Professor of Pathology and Immunology</td>
</tr>
<tr>
<td></td>
<td>PHD Albert Einstein College of Med 2003</td>
</tr>
<tr>
<td></td>
<td>MD Albert Einstein College of Med 2003</td>
</tr>
<tr>
<td>Timothy Patrick Rearden,</td>
<td>MD Associate Professor of Medicine (Pending Executive Faculty</td>
</tr>
<tr>
<td>MD, MS</td>
<td>Approval) (primary appointment)</td>
</tr>
<tr>
<td></td>
<td>MD University of MO Columbia 1985</td>
</tr>
<tr>
<td></td>
<td>BS Southeast Missouri St Univers 1979</td>
</tr>
<tr>
<td></td>
<td>MS University of MO Columbia 1981</td>
</tr>
<tr>
<td>Arhaanth D Reddy</td>
<td>Instructor in Clinical Medicine (primary appointment)</td>
</tr>
<tr>
<td>Kavitha Reddy</td>
<td>Assistant Professor of Emergency Medicine in Medicine (primary</td>
</tr>
<tr>
<td></td>
<td>appointment)</td>
</tr>
<tr>
<td>Katherine Marie Reeder,</td>
<td>MD Adjunct Assistant Professor of Medicine (primary appointment)</td>
</tr>
<tr>
<td>PHD</td>
<td></td>
</tr>
<tr>
<td>Dominic N Reeds, MD</td>
<td>MD Associate Professor of Medicine (primary appointment)</td>
</tr>
<tr>
<td></td>
<td>BA University of Texas Austin 1992</td>
</tr>
<tr>
<td></td>
<td>MD Texas Tech University 1996</td>
</tr>
<tr>
<td>Susan Robinson Reeds,</td>
<td>MD Assistant Professor of Medicine (primary appointment)</td>
</tr>
<tr>
<td>MD</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MD University of Rochester 1996</td>
</tr>
<tr>
<td>Lester T Reese, MD</td>
<td>MD Professor of Clinical Medicine (Dermatology) (primary appointment)</td>
</tr>
<tr>
<td></td>
<td>MD Tulane University 1966</td>
</tr>
<tr>
<td></td>
<td>BS Tulane University 1962</td>
</tr>
<tr>
<td>Allison Ann Regier, MS,</td>
<td>MD Instructor in Medicine (primary appointment)</td>
</tr>
<tr>
<td>PHD</td>
<td></td>
</tr>
<tr>
<td></td>
<td>BS Bethel College 2004</td>
</tr>
<tr>
<td></td>
<td>MS University of Notre Dame 2009</td>
</tr>
<tr>
<td></td>
<td>PHD University of Notre Dame 2011</td>
</tr>
<tr>
<td>Margaret Reiker, UNKNOWN</td>
<td>MD Instructor in Clinical Medicine (primary appointment)</td>
</tr>
<tr>
<td>MD</td>
<td></td>
</tr>
<tr>
<td></td>
<td>UNKNOWN Saint Louis University 1986</td>
</tr>
<tr>
<td></td>
<td>MD Saint Louis University 1993</td>
</tr>
<tr>
<td></td>
<td>PHD Saint Louis University 1991</td>
</tr>
<tr>
<td>Craig K Reiss, MD</td>
<td>Professor of Clinical Medicine (primary appointment)</td>
</tr>
<tr>
<td></td>
<td>BA University of Missouri 1979</td>
</tr>
<tr>
<td></td>
<td>MD University of Missouri 1983</td>
</tr>
<tr>
<td>Jacqueline Levy Reiss, MD</td>
<td>MD Instructor in Clinical Medicine (primary appointment)</td>
</tr>
<tr>
<td></td>
<td>BA University of MO Kansas City 1989</td>
</tr>
<tr>
<td></td>
<td>MD University of Missouri 1990</td>
</tr>
<tr>
<td>Maria Sara Remedi, MD,</td>
<td>MD Associate Professor of Medicine (primary appointment)</td>
</tr>
<tr>
<td>BS</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Assistant Professor of Cell Biology and Physiology</td>
</tr>
<tr>
<td></td>
<td>BS University of Cordoba 1987</td>
</tr>
<tr>
<td></td>
<td>PHD University of Cordoba 1999</td>
</tr>
<tr>
<td></td>
<td>MS University of Cordoba 1989</td>
</tr>
<tr>
<td>Arvind Rengarajan, MD</td>
<td>MD Instructor in Medicine (primary appointment)</td>
</tr>
<tr>
<td></td>
<td>BS University of CA Davis 2011</td>
</tr>
</tbody>
</table>
MD Washington Univ in St. Louis 2015

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

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

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

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)
BS Murray St University 1982
MD Saint Louis University 1999
PHD Saint Louis University 1998

Nancy Ridenour
Adjunct Professor of Medicine (primary appointment)

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

Amy Elizabeth Rieke, MD
Assistant Professor of Medicine (primary appointment)
MD Washington Univ in St. Louis 2005
BS Univ of Wisconsin Madison 2001

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

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

BA Saint Louis University 1996
Elisha D.O. Roberson, PHD
Assistant Professor of Medicine (primary appointment)
Assistant Professor of Genetics
PHD Johns Hopkins University 2009
BS Western Kentucky University 2004

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

Guillermo Rodriguez Jr, MD
Assistant Professor of Medicine (Pending Executive Faculty Approval) (primary appointment)
MD National Autonomous U of Mex 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 Univ in St. Louis 1965

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

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

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

Richard Rood, MD
Professor of Medicine (Pending Executive Faculty Approval) (primary appointment)
MD Wright State University 1982

Daniel B Rosenbluth, MD
Professor of Medicine (primary appointment)
Professor of Pediatrics
Tracey C and William J Marshall Professor of Medicine
BS Columbia University 1985
MD Mount Sinai School of Medicine 1989

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
BA Brown University 2000
MD Washington Univ in St. Louis 2008

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 Tuttle Rouse III, MD
Instructor in Clinical Medicine (primary appointment)
BA Princeton University 1967
MD Washington Univ 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
Professor of Medicine (primary appointment)
Professor of Developmental Biology
BS Mass Inst of Technology (MIT) 1977
MD Albert Einstein College of Med 1981

Myra L. Rubio, MD
Associate Professor of Medicine (primary appointment)
MD Indiana University Bloomington 1998
BA Washington Univ 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)
MS Washington Univ in St. Louis 1992
BS Saint Louis University 1977
BS Saint Louis University 1975

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)
BS Graceland College 1977
MD Saint Louis University 1981

Michael B Rusche
Adjunct Instructor in Medicine (primary appointment)

Micheal Dale Rush, MD
Instructor in Emergency Medicine in Medicine (Pending Dean's Approval) (primary appointment)
MD University of MO Columbia 1991

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

Ilaria Russo, MS, PHD, MS
Assistant Professor of Medicine (Pending Executive Faculty Approval) (primary appointment)
BS University of Palermo 1998
MS University of Padua 1998
PHD University of Padua 2005
BS University of Palermo 1998
MS University of Padua 1998

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

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)
Ira M Lang Chair in Nephrology
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

Jose Bernardo Saez, MD, PHD
Instructor in Medicine (primary appointment)
BA Cornell University 2003
BA Cornell University 2003
MD Washington Univ in St. Louis 2011
PHD Washington Univ in St. Louis 2009
Sonny Satnam Saggar  
Instructor in Clinical Medicine (primary appointment)

Rajan Sah, MD  
Associate Professor of Medicine (Pending Executive Faculty Approval) (primary appointment)  
MD University of Toronto 1998

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

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

Maamoun Salam, MD  
Assistant Professor of Medicine (Pending Executive Faculty Approval) (primary appointment)  
MD Damascus U. Medical School 2009

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

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

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

Dmitri Samovski, PHD  
Assistant Professor of Medicine (primary appointment)  
PHD Hebrew University 2009

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

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

Sarah Anne Sandberg, MD  
Instructor in Medicine (primary appointment)  
MD Medical University of St. Car 2008

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  
Assistant Professor of Medicine (primary appointment)  
BS Washington Univ in St. Louis 2003  
MHS Washington Univ in St. Louis 2012  
MD University of MO Columbia 2007

Sumithra Sankararaman, MS, PHD  
Instructor in Medicine (primary appointment)  
MS Indian Institute Of Technology 1997  
PHD Institute of Math Sciences 2003  
BS Fergusson College 1995

Daniel Jose Santa Cruz, MD  
Instructor in Clinical Medicine (Dermatology) (primary appointment)  
MD Universidad del Buenos Aires 1971

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

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)  
MD Oregon Health Science Univers 1975  
BA University Wyoming 1971

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

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

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

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

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

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

**Robert Jay Schneider, MD**
Assistant Professor of Clinical Medicine (primary appointment)
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**
Associate Professor of Medicine (primary appointment)
BS University of Toledo 1999
MD University of Cincinnati 2003

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

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

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

**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)
MD University of Texas Austin 2005
BA University of Texas Austin 2001

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

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

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

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

**Clay F Semenkovitch, 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, MBBS, MD**
Assistant Professor of Medicine (primary appointment)
MBBS Grant Medical College 1999
MD University of Mumbai 2003

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

**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)
BA Washington Univ in St. Louis 1962
MD Saint Louis University 1966

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

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

Rajiv Kumar Sharma
Adjunct Instructor in Medicine (primary appointment)

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

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

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

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

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

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

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

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

George Ryan Shuert, MD
Instructor in Emergency Medicine in Medicine (primary appointment)
- MD University of Houston 2006

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Michael C Snyder
Adjunct Instructor in Medicine (primary appointment)

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

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

Stephanie Rose Solomon, PHD
Adjunct Assistant Professor of Medicine (primary appointment)
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

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

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

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)
BS Loyola University Chicago 2005

MD University of Illinois 2010

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

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

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

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

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

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

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

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

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

Keith Evan Stockerl-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)
BA Stanford University 1976
MD University of Missouri 1984

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

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

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

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

Kanagaraj Subramanian, MS, PHD
Instructor in Medicine (primary appointment)

MS Heidelberg University 2000
PHD Heidelberg University 2007

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

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

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

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

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

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

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

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

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

Richard S Tao, MD, MIM
Instructor in Emergency Medicine in Medicine (primary appointment)
MD Indiana State University 1995
BA Indiana State University 1991
MIM Indiana State University 1999
Arnold S Tepper, MD
Instructor in Clinical Medicine (primary appointment)
BS School Not Listed 1966
MD University of Missouri 1970
Wanda T Terrell, MD
Associate Professor of Clinical Medicine (primary appointment)
BA Washington Univ in St. Louis 1975
MD Washington Univ in St. Louis 1979
Larissa Bryka Thackray, PHD
Assistant Professor of Medicine (primary appointment)
BS Cornell University 1991
PHD U of Colorado Health Sci Ctr 2003
George K. Thampy, MD
Instructor in Clinical Medicine (primary appointment)
MD Kerala University 1977
Shaukat Thanawalla
Instructor in Clinical Medicine (primary appointment)
Daniel Leonidas Theodoro, MD
Assistant Professor of Emergency Medicine in Medicine (primary appointment)
MD Brown University 1997
J. Allen Thiel, MD
Associate Professor of Clinical Medicine (primary appointment)
BS Rockhurst College 1956
MD Saint Louis University 1960
Mark S Thoelke, PHD, MD
Professor of Medicine (primary appointment)
PHD University of Illinois 1990
MD University of Illinois 1990
BS University of Illinois 1982
Alex Anthony Thomas, MD
Instructor in Medicine (primary appointment)
MD University of Louisville 2015
Benjamin S Thomas, MD
Adjunct Instructor in Medicine (primary appointment)
BS Georgia Tech 2002
MD Mercer University Macon 2009
Theodore Seth Thomas, MS, MD, M PH
Instructor in Medicine (primary appointment)
BS University of MO Columbia 2005
MS University of MO Columbia 2006
MD University of MO Columbia 2010
M PH Washington Univ in St. Louis 2017
Erik P Thyssen, MD
Assistant Professor of Clinical Medicine (primary appointment)
BS University of Copenhagen 1980
MD University of Copenhagen 1984
LinLin Tian, PHD
Instructor in Emergency Medicine in Medicine (primary appointment)
PHD Beijing Institute of Radiation 2009
BS Hebei Medical University 2004
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)
MD Washington Univ in St. Louis 1980
BS State University of New York 1976
Wael Toama, MD
Instructor in Medicine (primary appointment)
MD Damascus U. Medical School 2005
Garry S Tobin, MD
Professor of Medicine (primary appointment)
MD Washington Univ in St. Louis 1985
BS MO S&T (formerly UofMO Rolla) 1981
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, MS, MD, PHD
Professor of Medicine (primary appointment)
Professor of Cell Biology and Physiology
BS Centenary College 1972
MS Tulane University 1976
MD Tulane University 1976
PHD Johns Hopkins University 1982
Elizabeth A Tracy, MD
Instructor in Clinical Medicine (primary appointment)
BS Marquette University 1982
MD Univ of Wisconsin Milwaukee 1986
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, MD, PHD
Assistant Professor of Medicine (primary appointment)
MD University of Chicago 1998
BS University of Illinois 1990
PHD University of Chicago 1995

Elbert P Trulock III, MD
Rosemary and I Jerome Flance 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)
BS University of Nebraska 1972
MD Univ of Nebraska at Omaha 1976

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

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

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

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

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

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

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

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

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

Brian Andrew Van Tine, MD, PHD
Associate Professor of Medicine (primary appointment)
MD University of AL Birmingham 2005
BS University of Arizona 1995
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, MD, PHD
Professor of Medicine (primary appointment)
Professor of Pathology and Immunology
BA Princeton University 1987
MD Washington Univ in St. Louis 1995
PHD Washington Univ in St. Louis 1995

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

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

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

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

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
BS University of MO St Louis 1986

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

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

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)
BS Texas Tech University 1978
MD Texas Tech University 1983

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

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

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

BA Saint Anselm College 1980

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

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
BS The American University 1990
MD Saint Louis University 1995

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

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

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

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

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

Andrea Wang-Gillam, BS1, MD
Associate Professor of Medicine (primary appointment)
BS1 Ouachita Baptist University 1993
MD University of AR Little Rock 2001
BS Ouachita Baptist University 1993

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

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

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

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

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

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

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

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

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
Professor of Medicine (primary appointment)
Professor of Molecular Microbiology
MD Harvard University 1975
BA Harvard University 1971

Katherine N Weibbaecher, MD
Oliver M Langenberg Distinguished Professor of Science and Practice 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)
MS Washington Univ in St. Louis 1997
BS University of Illinois 1984

Leonard B Weinstock, MD
Associate Professor of Clinical Medicine (primary appointment)
MD University of Rochester (General Surgery) 1985
BA University of Vermont 1977

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

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

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

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

John Sutton Welch, MD, PHD
Associate 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

Pamela M. Wendl, DPT, MS
Assistant Professor of Emergency Medicine in Medicine (Pending Executive Faculty Approval) (primary appointment)
Assistant Professor of Orthopaedic Surgery
Assistant Professor of Physical Therapy
DPT Washington Univ in St. Louis 2007
BS North Park College 1991
MS Washington Univ in St. Louis 1993
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, MD, PHD
Professor of Medicine (primary appointment)
BA Colby College 1985
MD Washington Univ in St. Louis 1992
PHD Washington Univ in St. Louis 1992

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

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

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

Samuel A Wickline, MD
Terminated Faculty
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)
BA Smith College 1979
MD Tufts University 1983

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

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

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

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

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

Patrick H Win
Instructor in Clinical Medicine (primary appointment)

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

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

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

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

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

Terrence N Wong, PHD, MD
Instructor in Medicine (primary appointment)
PHD University of Chicago 2007
BS University of Chicago 2007
MD Dartmouth College 2009

John A Wood, MD
Associate Professor of Clinical Medicine (primary appointment)
MD University of Oklahoma 1968

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

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

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

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

Zhifu Xiang, PHD, MD
Associate Professor of Medicine (Pending Executive Faculty Approval) (primary appointment)
PHD Tongji University 1998
MD Tongji University 1990

Yan Xie, MD, MS
Instructor in Medicine (primary appointment)
MD Tongji University 1986
MS Hubei Medical University 1991

Naga M Yalla, MD
Assistant Professor of Medicine (primary appointment)
MD SRTR Medical College 2005

Timothy Teng-Kay Yau, MD
Assistant Professor of Medicine (primary appointment)
BA Saint Louis University 2001
MD Saint Louis University 2005

Derek Yee, MD
Instructor in Medicine (primary appointment)
MD Rutgers University 2014

Po-Yin Yen, MS, PHD
Assistant Professor of Medicine (primary appointment)
BS National Cheng Kung University 2001
MS Oregon Health Science Univers 2005
PHD Columbia University 2010

Wayne M Yokoyama, MD
Sam and Audrey Loew Levin Professor of Medicine (Rheumatology) (primary appointment)
Professor of Pathology and Immunology
BA University of Rochester 1974
MD University of Hawaii 1978

Jun Yoshino, PHD, MD
Assistant Professor of Medicine (primary appointment)
Assistant Professor of Developmental Biology
PHD Keio University 2004
MD Keio University 2000

Mihoko Yoshino, PHD, MD
Instructor in Medicine (primary appointment)
PHD Shimane Medical University 2006
MD Keio University 2000

Danicela Younce, MD
Instructor in Medicine (primary appointment)
MD University North Carolina 2014
BS University North Carolina 2008

Simon Yu, MD
Instructor in Clinical Medicine (primary appointment)
MD University of MO Columbia 1984

Roger D. Yusen, MPH, MD
Associate Professor of Medicine (primary appointment)
BS University of Illinois 1986
MPH Saint Louis University 2002
MD University of Illinois 1990

Alan Zajarias, MD
Associate Professor of Medicine (primary appointment)
Associate Professor of Surgery (Cardiothoracic Surgery)
MD National Autonomous U of Mex 2000

John F. Zalewski, MD
Instructor in Clinical Medicine (primary appointment)
BS Clarkson University 1973
MD State Univ of NY Buffalo 1980

Qiang Zhang, MCHEM, PHD
Instructor in Medicine (primary appointment)
BS Xiamen University 1995
MCHEM Xiamen University 1998
PHD University of CA Santa Barbara 2003

Yong Zhang, MS, MD, PHD
Assistant Professor of Medicine (primary appointment)
MS Sun Yat-Sen University 1983
MD Anhui Medical University 1978
PHD Albert Ludwig University 1999

Peter Chen Zhao, MD
Instructor in Medicine (primary appointment)
MD Washington Univ in St. Louis 2015
BS Emory University 2011

Amy Wei Wei Zhou, MD
Instructor in Medicine (primary appointment)
MD Wayne State University 2009
BS University of Michigan 2005

Jian Zhu, PHD
infection and organ-specific approaches to disease caused by microbes. The Infectious Diseases course teaches both organism-specific and without home care professionals, and a city clinic.

learning locations. b. Clinical environments: inpatient units with videotape review, physicians’ offices, patients’ homes with

You practice each skill, such as interviewing, in a variety of venues and situations of varying complexity. This course is for learning about how to do things that you will use for taking care of patients and families. 3. You work in multiple learning environments. a. Academic environments: small group sessions for discussion, small group practice sessions, peer learning, small group presentations, individual and group writing assignments, and reflections on experiences are the preferred learning locations. b. Clinical environments: inpatient units with faculty and WUSM IV mentors, standardized patient experiences with videotape review, physicians’ offices, patients’ homes with and without home care professionals, and a city clinic.

The course expands upon the material presented in the first year concerning bacteria, viruses, fungi and parasites and their involvement in causation of human disease. It explores the complex interaction between microbes and host in the individual patient, and at the broader public health level. Educational methods include lecture, interactive in-class case discussions and review sessions, and student-led clinical case discussions in small groups.

Credit 51 units.

M25 Medicine 606A Rheumatology
A major focus of the course is teaching "how to think like a rheumatologist", emphasizing the concept of clinical diagnosis: the history and physical generate a clinical hypothesis, which is supported by laboratory tests. Inflammatory arthritis (rheumatoid arthritis, spondyloarthropathies, crystalline disorders, and infectious arthritis), classic "autoimmune diseases" (lupus, inflammatory myopathy, and scleroderma), and vasculitic syndromes are presented. A team based learning exercise on rheumatology lab tests gives students a chance to teach one another the details. Two separate sessions with four unknown patients gives students a chance to interview patients and try to make a diagnosis.

Credit 17 units.

M25 Medicine 607 Practice of Medicine II
The goal of The Practice of Medicine (POM) course is to provide students with the knowledge, skills and attitudes essential to patient care regardless of specialty. POM II is a continuation of POM I and will continue to address various interfaces between patients, physicians and society and will also introduce the advanced physical exam and approaches to clinical thinking and decision-making. The sections of POM II include Clinical Skills, Case Development, Communication Skills, Ophthalmology, Radiology, Community and Public Health, Ethics and Health Policy Humanities, and Scientific Methods. The learning objectives for each section of POM II emphasize topics and skills used in all fields of medicine, and the majority of the course work will be taught in small groups or through clinical experiences.

Credit 89 units.

M25 Medicine 611B Cardiovascular Disease
Cardiovascular disease remains the number one cause of death within the United States, although steady advances in the field have greatly reduced both its associated morbidity and mortality. This course provides a foundation for understanding the pathophysiology, diagnosis, and management of cardiovascular conditions commonly encountered in clinical practice, including hypertension, ischemic heart disease, heart failure, arrhythmias, valvular heart disease, pericardial diseases, aortic diseases, peripheral arterial disease, and venous disorders. An emphasis is placed on describing the current state of knowledge in cardiology while also including some of the exciting new developments that are revolutionizing patient care. The course includes lecture overviews of each topic along with small group and team-based learning sessions to solidify and apply knowledge of the material to patient case scenarios. In addition, "EKGs of the Week" allow students to practice a structured approach to the interpretation of EKGs.

Credit 30 units.

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

Credit 22.5 units.

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

Credit 8 units.

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

Credit 38 units.

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

Credit 31 units.

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

Credit 32 units.

M25 Medicine 625A Hematology and Oncology
The hematology pathophysiology course exposes students to common 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 past have included: 1) guests; 2) current and recurrent; 3) Business of medicine; 3) Individualized Learning Objectives in clinical scenario; 4) PSQI; 5) Mock Deposition, Risk Management, and Adverse Patient Outcomes; 6) Compassion Fatigue, Resilience, and Burnout Part 1; 7) Compassion Fatigue, Resilience, and Burnout Part 2; 8) Caring for Incendiary Patients; 9) Diagnostic Error and Transitions of Care; 10) Strategies for Effective Teaching and Mentoring. Attendance at 8 out of 10 POM III sessions is required to pass this course. Students may use two absences for any reason and are recommended to save them for their ACES rotation, Labor & Deliver rotation, or an emergency.

Credit 39 units.
M25 Medicine 730 Physical Medicine and Rehabilitation Workshop
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, Aampute 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. 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 this rotation is for students to gain proficiency in the principles of geriatric evaluation and management, including the medical, psychological, social, and functional assessments of older adults. Students are expected to participate in the evaluation of three to five patients per week, in a variety of settings including the outpatient Geriatric Assessment Clinic, inpatient Geriatric Consult service, Parc Provence nursing home, and the Rehabilitation Institute of St. Louis (TRISL). Students will also have the opportunity to participate in hospice and home care visits, interdisciplinary team meetings, and observe an assessment at the Washington University Alzheimer's Disease Research Center. Students are expected to attend weekly conferences while on the rotation. The day normally begins at 8:30 a.m. and is usually finished by 5:30 p.m. There is no night or weekend call. Time is provided to read the detailed syllabus/bibliography. Many clinical activities are off-site from the medical campus. Students will be required to coordinate transportation to and from such sites. Students will be expected to give an oral presentation on a topic of their choice once during the rotation.
Credit 154 units.

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

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

M25 Medicine 807 Honors Medicine - VA Hospital
The purpose of the Honors Medicine elective (sub-internship) at the VA Medical Center is to develop proficiency in the care of hospitalized patients on an internal medicine ward. Sub-interns will have similar responsibilities as interns, with appropriate supervision by the attending and resident physicians. They have the same on-call/admitting schedules as the interns and participate in the same teaching conferences, but they do not take overnight call. Sub-interns should 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. Sub-interns assume primary responsibility for the daily care of their patients, including evaluating each patient daily, presenting on morning rounds entering orders (discussed with and co-signed by the resident), interpreting results of diagnostic studies, calling consults, collaborating with nurses and social work, organizing post-discharge care, and communicating with patients and their families. Sub-interns also attend weekly small group learning sessions during which they discuss, diagnose, and treat patients using example cases. By the end of the VA Honors Medicine rotation, sub-interns will be able to independently: - Synthesize and succinctly present a patient's history, exam, diagnostic data, assessment, and plan of care. - Support differential diagnoses and proposed care plans with clinical reasoning and evidence. - Demonstrate how to correctly order diagnostic tests and
medications that further patient care. - Analyze complex patient cases during interactive small group learning sessions. Integrate feedback from patients, residents, and attending physicians, and formulate a plan for ongoing improvement as a clinician.

M25 Medicine 810 Geriatric Medicine

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

M25 Medicine 811 Clinical Internal Medicine - Hospitalist

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

M25 Medicine 814 Clinical Emergency Medicine - Barnes-Jewish Hospital

This rotation offers practical experience in the evaluation and management of acutely sick and injured patients. Students will function as sub-interns, initially evaluating their assigned patients and developing a plan for further diagnostic studies and therapy. They will report to a senior-level resident or 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 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 approached prior to the start of the rotation by the course coordinator. Please be advised that there is a limit of days off while on this rotation during interview season; otherwise, students should arrange to take the elective at a different time during the year. Days off during the rest of the year will conform to university policy. Days off should be requested from the course coordinator at least two weeks prior to the beginning of the rotation for scheduling purposes.

M25 Medicine 821 Inpatient Cardiology

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

M25 Medicine 822 Honors Medicine - Cardiology

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

M25 Medicine 823 Clinical Cardiology - VA Hospital

The major purpose of this elective in clinical cardiology at the John Cochran VA Hospital is to improve evaluation and management skills for diagnosis and treatment of important cardiovascular conditions such as coronary artery disease including acute myocardial infarction, congestive heart failure, hypertension, and valvular heart disease. The rotation is designed to be flexible enough to accommodate a wide variety of course objectives but includes the opportunity to participate in 1-3 outpatient clinics per week; 1-4 weeks of inpatient intensive care, telemetry, or cardiology consultation rounds; and ECG, stress testing, nuclear imaging, or echocardiographic reading sessions, cardiac catheterization and electrophysiologic procedures. The emphasis will be on improvement of the ability to diagnose and treat cardiovascular disease on the basis of information obtained from a thorough history and physical examination that is integrated with data from appropriate highly targeted laboratory studies in a manner that optimizes patient outcome and minimizes risk and costs.
M25 Medicine 825 Cardiac Arrhythmias and Electrophysiology
This elective provides the student with exposure and teaching in the diagnosis and treatment of complex cardiac rhythm disturbances. Specifically, the student is expected to evaluate patients referred for evaluation and treatment of complex or life-threatening rhythm disturbances, unexplained syncope or sudden cardiac death. Rounds are made daily on hospitalized patients, and students are welcome to observe electrophysiology studies or implantation of pacemakers and defibrillators. This elective also provides an intensive opportunity to learn clinical electrocardiography and the systematic use of anti-arrhythmic drugs. Finally, since patients with chronic, complex rhythm disturbances frequently have organic heart disease, a broad-based exposure to general cardiology is also part of this elective.

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

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

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

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

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

M25 Medicine 836A Treatment of Patients with Inflammatory Bowel Disease
This elective will allow students to spend an intensive period of time learning about all aspects of the care of patients with IBD (surgical, endoscopic, and medical management). Although a predetermined schedule has been developed, it can be modified based on the student's interest. Alternative options include: inpatient IBD care (Barnes-Jewish Hospital and Barnes West County); wound clinic / stoma care; specialized endoscopy (chromoendoscopy, ERCP); IBD / colorectal surgery; pathology.

M25 Medicine 838 Medicine Consult Service Consult
The focus of the Medicine Consult Service elective is the evaluation and management of medically complex patients admitted to the hospital on non-medicine services. The issues involved with perioperative management are particularly stressed. The student will function as a member of the consult service team. Duties will include performing initial consultations and follow-up care under the supervision of a Hospital Medicine attending and a senior medical resident. Attendance at Department of Medicine and division conferences is encouraged.

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

M25 Medicine 843 Medical Toxicology
This rotation offers practical experience in the evaluation and management of the acutely ill poisoned patient. Students will function as sub-interns and either report to the senior resident, fellow, or directly to the toxicology attending. Students will gain familiarity and experience evaluating and treating patients who have intentionally and 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 include work-up of patients at Barnes-Jewish Hospital under the supervision of the hematology fellow and faculty; attendance at daily clinical rounds for 1-1.5 hours per day. These are staffed by a senior faculty in the Division of Hematology. In addition to evaluation of patients with hematologic disorders, the student will gain additional analytic skills including: 1. Interpret and integrate laboratory data in the diagnosis of anemia and pancytopenia; 2. Review peripheral blood and bone marrow morphology; 3. Analyze laboratory data for the diagnosis of thrombophelia and bleeding; 4. Discern the principles of blood banking and pheresis. The students will have the opportunity to follow patients with sickle cell disease and understand the treatment of this disorder. The student is expected to attend and participate in the weekly hematology conference.

**M25 Medicine 847 Bone and Mineral Diseases**

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

**M25 Medicine 853 Bone and Joint Infectious Disease Consult**

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

**M25 Medicine 854 Transplant Infectious Disease**

Study of infectious diseases in patients who have had bone marrow or solid organ transplants, or who have a hematologic malignancy. The elective is designed to teach students the fundamentals of evaluating clinical infections in these complex and interesting patients and formulating plans for workup and therapy. Students see consultations in every part of Barnes-Jewish Hospital under the supervision of a faculty member who 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 855 Ambulatory Infectious Disease**

The elective is designed to teach students the fundamentals of evaluating clinical infections in the outpatient setting. Students see patients under the supervision of a faculty member. Students will participate in the care of HIV-infected or otherwise immunosuppressed patients as well as general infectious disease and travel patients. The clinic is the primary provider for HIV-infected patients, and students will learn the pathogenesis of HIV, become familiar with most antiretroviral medications, and have the opportunity to learn about opportunistic infections and their prophylaxis. They will also have the opportunity to see patients with bone and joint infections, endovascular infections, endemic and opportunistic mycoses, mycobacterial infections, sexually transmitted diseases, and many other infections. Patients seen will have a wide range of acute and chronic infections, and will include indigent and insured patients of both sexes and a wide range of ages. The students will play an important role in the management of these patients and will present their assessments and plans to the supervising attending. They are expected to write clinic notes, read the literature about their patients, and participate in clinical conferences.
M25 Medicine 859 General Inpatient Infectious Disease
Study of patients with infectious diseases, including inpatient care of HIV-infected patients and general infectious disease consults. The elective is designed to teach students the fundamentals of evaluating clinical problems in infection and formulating plans for workup and therapy. Students see consultations in infectious diseases in every part of Barnes-Jewish Hospital under the supervision of a faculty member who rounds with them every day. They work closely with medical residents and infectious disease fellows, follow their own patients and play an important role in their management. They are expected to read the literature about their patients and participate in clinical conferences. They attend teaching rounds and conferences and lectures in infectious diseases. They also learn appropriate use of antibiotics, antifungal and antiviral agents. A wide distribution of infectious diseases is covered including community-acquired acute and chronic infections, opportunistic infections in HIV-infected patients, hospital-acquired infections, and basic infection control practices. This is a four-week rotation. Two-week rotations are allowed, but must be done in conjunction with two weeks of Transplant Infectious Disease or Bone and Joint Infectious Disease.

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

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

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

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

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

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

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

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

M25 Medicine 877 Intensive ECG Interpretation
During this two-week elective, students will read 20-25 ECGs obtained from the Barnes-Jewish Cardiac Diagnostic Laboratory, with an 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 884 Bone Marrow Transplantation and Stem Cell Biology
Intense four-week clinical rotation exposing interested fourth-year medical students to the clinical world of bone marrow transplantation and to the basic science of hematopoiesis, leukemia, and stem cell biology. Students will be primarily responsible for the care of autologous and allogeneic BMT recipients and those patients being treated for a variety of hematologic malignancies such as AML, ALL, multiple myeloma and non-Hodgkin’s lymphoma. In addition they will be exposed to methods of stem cell harvest, cryopreservation and immunophenotyping. This rotation plans to provide motivated students with an ideal mix of clinical medicine and basic science.

M25 Medicine 887 Clinical Cardiovascular Medicine

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

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

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

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