

Mary Culver Department of Surgery

Formal instruction in surgery begins during Phase 2 of the MD program's Gateway Curriculum, with a required eight-week clinical clerkship. During this curricular phase, students are assigned to two general surgery clinical rotations lasting three weeks each within the Department of Surgery. These clinical experiences provide students with opportunities to participate in the care of surgical patients (both inpatient and outpatient); to spend time in the operating rooms; and to attend seminars, teaching conferences and didactic sessions on a regular basis. During Phase 3, students may elect to participate in a variety of sub-internship rotations offered within the Department of Surgery. The sub-internships cover general surgical specialties and subspecialties, including trauma surgery, pediatric surgery, transplant surgery, vascular surgery, cardiovascular and thoracic surgery, urologic surgery, and plastic and reconstructive surgery.

Website: <http://www.surgery.wustl.edu>

Faculty

Bethany Sacks, MD, MEd

Clerkship Director

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

A

Rebecca L Aft, Ph.D., M.D.

Professor of Surgery (General Surgery) (primary appointment)
Jeffrey F. Moley Professorship in Endocrine and Oncologic Surgery
Bachelor of Science, University of Wisconsin Madison, 1978
Doctor of Philosophy, University of Wisconsin Madison, 1983
Doctor of Medicine, Washington University in St Louis, 1992

Rami Al-Aref, M.D.

Instructor in Surgery (General Surgery) (primary appointment)
Bachelor of Science, University of Michigan Dearborn, 2012
Doctor of Medicine, Wayne State University, 2016

Brent Allen, M.D.

Associate Professor of Surgery (General Surgery) (Pending Executive Faculty Approval) (primary appointment)
Bachelor of Science, Utah State University, 1975
Doctor of Medicine, Washington University in St Louis, 1979

David Michael Alvarado, Ph.D.

Instructor in Surgery (Pediatric Surgery) (Pending Dean's Approval) (primary appointment)
Bachelor of Science, University of South Florida, 2007
Doctor of Philosophy, Johns Hopkins University, 2014

Rachel Alexandria Anolik, M.D.

Assistant Professor of Surgery (Plastic and Reconstructive Surgery) (primary appointment)
Main Campus, 2008
Doctor of Medicine, University of Rochester, 2013

Sunil Madhukar Apte, MBBS

Assistant Professor of Surgery (Urologic Surgery) (primary appointment)
Foreign MD equivalent, University of Mumbai, 1970

Christopher Thomas Arett, M.D.

Assistant Professor of Surgery (Urologic Surgery) (primary appointment)
Bachelor of Science, Washington University in St Louis, 1999
Doctor of Medicine, Washington University in St Louis, 2003

Bracken Abram Armstrong

Adjunct Assistant Professor of Surgery (General Surgery)

Michael Magdi Awad, M.Ed., Ph.D., M.D.

Professor of Surgery (General Surgery) (primary appointment)
Bachelor of Science, Brown University, 1994
Doctor of Philosophy, Brown University, 2001
Doctor of Medicine, Brown University, 2001
Master of Education, University of Illinois at Chicago, 2022

B

Jeffrey Allen Bailey, M.P.A., M.D.

Professor of Surgery (General Surgery) (primary appointment)
Master of Public Administration, Golden Gate University California, 1986
Doctor of Medicine, Saint Louis University, 1996

Ana Amelia L Baumann Walker, M.A., Ph.D.

Associate Professor of Surgery (Public Health Sciences) (primary appointment)
Associate Professor of Anesthesiology
Bachelor of Arts, Brasilia University, 2000
Master of Arts, Brasilia University, 2003
Doctor of Philosophy, Utah State University, 2008

Kenneth J Bennett, M.D.

Associate Professor of Clinical Surgery (General Surgery)
Doctor of Medicine, Tulane University, 1965

Kimberly Crawford Berni, M.D.

Instructor in Surgery (Urologic Surgery) (Pending Dean's Approval) (primary appointment)
Bachelor of Science, University of Missouri Columbia, 1988
Doctor of Medicine, University of Missouri Columbia, 1993

Sam B Bhayani, M.D.

Professor of Surgery (Urologic Surgery) (primary appointment)
Robert Killian Royce, M.D. Distinguished Professor of Urologic Surgery
Chief Medical Officer
Bachelor of Science, Cornell University, 1992
Doctor of Medicine, Washington University in St Louis, 1996

Lawrence J Billy, M.D.

Instructor in Clinical Surgery (General Surgery)

Bachelor of Arts, Youngstown State University, 1962
Doctor of Medicine, Saint Louis University, 1966

Kumar Sanjeev Bishnupuri, M.S., Ph.D.

Instructor in Surgery (General Surgery) (primary appointment)
Bachelor of Science, Tilka Manjhi Bhagalpur University, 1990
Master of Science, Banaras Hindu University, 1992
Doctor of Philosophy, Banaras Hindu University, 1999

Jeffrey Alan Blatnik, M.D.

Associate Professor of Surgery (General Surgery) (primary appointment)
Oxford, 2003
Doctor of Medicine, Case Western Reserve University, 2007

Grant Bochicchio, M.P.H., M.D.

Professor of Surgery (General Surgery) (primary appointment)
Section Chief - Division of Acute & Critical Care Surgery
Harry Edison Professor of Surgery
Master of Public Health, University of Pittsburgh, 1989
Main Campus, 1993

Keith E Brandt, M.D.

Professor of Surgery (Plastic and Reconstructive Surgery) (primary appointment)
William G. Hamm Professor of Surgery (Plastic and Reconstructive Surgery)
Bachelor of Science, Texas A&M University, 1979
Doctor of Medicine, University of Texas Health Science Center, 1983

Taylor Clarke Brown, M.H.S., M.D.

Assistant Professor of Surgery (General Surgery) (primary appointment)

Bachelor of Science, Rhodes College, 2007
Doctor of Medicine, University of Louisville, 2011
Master of Health Science, Yale University, 2018

L. Michael Brunt, M.D.

Professor of Surgery (General Surgery) (primary appointment)
Section Chief - Section of Minimally Invasive
Pruett Professor of Surgery
Bachelor of Arts, University of Mississippi, 1976
Doctor of Medicine, Johns Hopkins University, 1980

Sara Anne Buckman, Pharm.D., M.D.

Associate Professor of Surgery (General Surgery) (primary appointment)
Doctor of Pharmacy, University of Wisconsin Madison, 1999
Doctor of Medicine, University of Wisconsin Madison, 2008

John B Buettner, M.D.

Instructor in Clinical Surgery (General Surgery)
Bachelor of Arts, Dartmouth College, 1963
Doctor of Medicine, Washington University in St Louis, 1967

Arnold D Bullock, M.D.

Professor of Surgery (Urologic Surgery) (primary appointment)
Alan A and Edith L Wolff Distinguished Professor
Bachelor of Science, Xavier University of Louisiana, 1983
Doctor of Medicine, Johns Hopkins University, 1987

C

Yin Cao, M.P.H., D.Sc.

Associate Professor of Surgery (Public Health Sciences) (primary appointment)
Associate Professor of Medicine
Master of Public Health, Columbia University, 2009
Doctor of Science, Harvard University, 2013

David Anthony Caplin, M.D.

Instructor in Clinical Surgery (Plastic and Reconstructive Surgery)
Bachelor of Arts, Kenyon College, 1971
Main Campus, 1975

M. Richard Carlin, M.D.

Associate Professor Emeritus of Clinical Surgery (Urologic Surgery)
Bachelor of Arts, Dartmouth College, 1943
Doctor of Medicine, Yale University, 1947

Su-Hsin Chang, M.A., Ph.D.

Associate Professor of Surgery (Public Health Sciences) (primary appointment)
Bachelor of Arts, National Chengchi University, 1995
Master of Arts, Massachusetts Institute of Technology, 2004
Doctor of Philosophy, Johns Hopkins University, 2010

Will C Chapman, M.D.

Professor of Surgery (General Surgery) (primary appointment)
Division Chief - Division of General Surgery
Section Chief - Section of Transplantation
Eugene M. Bricker Professor of Surgery (General Surgery)
Bachelor of Arts, University of North Carolina at Chapel Hill, 1980
Doctor of Medicine, University of South Carolina Columbia, 1984

Joani Marie Christensen, M.D.

Assistant Professor of Surgery (Plastic and Reconstructive Surgery) (primary appointment)
Bachelor of Arts, Vanderbilt University, 2007
Doctor of Medicine, Johns Hopkins University, 2014

John E. Codd, M.D.

Professor of Clinical Surgery (Cardiothoracic Surgery)
Bachelor of Arts, Gonzaga University, 1954
Doctor of Medicine, Saint Louis University, 1963

Graham A Colditz, M.P.H., M.D., MBBS

Professor of Surgery (General Surgery) (primary appointment)
Professor of Medicine
Deputy Director for the Institute of Public Health
Division Chief - Division of Public Health
Niess-Gain Professor of Surgery (General Surgery)
Bachelor of Science, University of Queensland, 1977
Foreign MD equivalent, University of Queensland, 1979
Master of Public Health, Harvard University, 1982
Doctor of Medicine, University of Queensland, 1998

H. Groves Cooke, M.S., D.Dent.

Instructor in Clinical Surgery (Plastic and Reconstructive Surgery)
Bachelor of Arts, De Paul University, 1967
Doctor of Dentistry, Washington University in St Louis, 1971

Master of Science, George Washington University, 1975

Douglas E Coplen, M.D.

Associate Professor of Surgery (Urologic Surgery) (primary appointment)

Bachelor of Arts, Wabash College, 1981

Doctor of Medicine, Indiana University Bloomington, 1985

James L Cox, M.D.

Evarts A. Graham Professor Emeritus of Surgery (Cardiothoracic Surgery)

Bachelor of Science, University of Mississippi, 1964

Doctor of Medicine, University of Tennessee, 1967

Patrick Alexander Craft, M.M.Sc., D.O.

Instructor in Surgery (General Surgery) (primary appointment)

Bachelor of Science, University of Kentucky, 2008

Master of Medical Science, Marshall University, 2010

Doctor of Osteopathic Medicine, West Virginia School of Osteopathic Medicine, 2015

Michael Crittenden, M.D.

Associate Professor of Surgery (Cardiothoracic Surgery) (primary appointment)

Bachelor of Science, University of Notre Dame, 1974

Doctor of Medicine, Georgetown University, 1979

Kelly Bettina Currie, M.D.

Assistant Professor of Surgery (Plastic and Reconstructive Surgery) (primary appointment)

Adjunct Lecturer

Bachelor of Science, State University of New York at Buffalo, 2004

Doctor of Medicine, State University of New York at Buffalo, 2008

D

Ralph James Damiano, M.D.

Professor of Surgery (Cardiothoracic Surgery) (primary appointment)

Division Chief - Division of Cardiothoracic Surgery

Evarts Ambrose Graham Professor of Surgery (Cardiothoracic Surgery)

Bachelor of Arts, Dartmouth College, 1976

Doctor of Medicine, Duke University, 1980

Kia L Davis, M.P.H., Sc.D.

Assistant Professor of Surgery (Public Health Sciences) (primary appointment)

Baccalaureatus, Washington University in St Louis, 2003

Master of Public Health, Saint Louis University, 2007

Doctor of Science, Harvard University, 2015

Patrick A Dillon, M.D.

Associate Professor of Surgery (Pediatric Surgery) (primary appointment)

Associate Professor of Pediatrics

Bachelor of Arts, Brown University, 1983

Doctor of Medicine, Georgetown University, 1988

Francesca Maria Dimou, M.S., M.D.

Assistant Professor of Surgery (General Surgery) (primary appointment)

Bachelor of Science, Stetson University, 2006

Doctor of Medicine, University of South Florida, 2011

Master of Science, University of Texas Galveston, 2015

Maria Bernadette Majella Doyle, M.D.

Professor of Surgery (General Surgery) (primary appointment)

Mid-America Transplant/Department of Surgery Endowed

Distinguished Professor of Abdominal Transplantation

Bachelor of Science, Trinity College Dublin, 1990

Doctor of Medicine, Trinity College Dublin, 1996

Bettina Drake, M.P.H., Ph.D.

Professor of Surgery (Public Health Sciences) (primary appointment)

Bachelor of Science, Baylor University, 2001

Master of Public Health, University of Texas Health Science Center, 2003

Doctor of Philosophy, University of South Carolina Columbia, 2006

Nathan Droz, M.D.

Adjunct Assistant Professor of Surgery (General Surgery)

Bachelor of Science, Rockhurst College (Duplicate of Rockhurst University), 2009

Doctor of Medicine, Creighton University, 2013

Kefu Du, M.D.

Assistant Professor of Surgery (Urologic Surgery) (primary appointment)

Bachelor of Science, Duke University, 2007

Doctor of Medicine, University of Tennessee, 2011

E

Joseph W Eades, M.D.

Assistant Professor of Clinical Surgery (Plastic and Reconstructive Surgery)

Bachelor of Arts, Amherst College, 1956

Doctor of Medicine, Washington University in St Louis, 1960

J. Chris Eagon, M.S., M.D.

Associate Professor of Surgery (General Surgery) (primary appointment)

Bachelor of Arts, Williams College, 1984

Doctor of Medicine, Harvard University, 1988

Master of Science, University of Utah, 1997

Timothy J Eberlein, M.A., M.D.

Professor of Surgery (General Surgery) (primary appointment)

Senior Associate Dean for Cancer Programs

Spencer T. and Ann W. Olin Distinguished Professor

Professor of Pathology and Immunology

Director, Siteman Cancer Center

Bachelor of Science, University of Pittsburgh, 1973

Doctor of Medicine, University of Pittsburgh, 1977

Master of Arts, Harvard University, 1996

Trina Ghosh Ebersole, M.D.

Assistant Professor of Surgery (Plastic & Reconstructive Surgery) (primary appointment)

Bachelor of Arts, University of Missouri Kansas City, 2009

Doctor of Medicine, University of Missouri Kansas City, 2015

Shaina Rose Eckhouse, M.D.

Associate Professor of Surgery (General Surgery) (primary appointment)
Doctor of Medicine, University of Texas Health Sciences at San Antonio, 2008

James R Edgerton

Adjunct Professor of Surgery

Pirooz Eghtesady, M.S., D.Sc., M.D.

Professor of Surgery (Cardiothoracic Surgery) (primary appointment)
Professor of Pediatrics
Emerson Chair in Pediatric Cardiothoracic Surgery
Bachelor of Science, University of California Los Angeles, 1987
Master of Science, University of California Los Angeles, 1987
Doctor of Science, University of California Los Angeles, 1993
Doctor of Medicine, University of California Los Angeles, 1993

Zachary P Englert, D.O.

Adjunct Assistant Professor of Surgery
Main Campus), 2005
Doctor of Osteopathic Medicine, Philadelphia College of Osteopathic Medicine, 2009

Neil Anthony Ermitano, D.P.M.

Assistant Professor of Surgery (General Surgery) (primary appointment)

Bachelor of Science, University of Central Arkansas, 2011
Doctor of Podiatric Medicine, Rosalind Franklin University of Medicine and Science (Formerly Finch University of Health Sciences), 2016

F

Jason Michael Farrow, M.D.

Assistant Professor of Surgery (Urologic Surgery) (primary appointment)
Doctor of Medicine, University of California, 2015

John Matthew Felder, M.D.

Assistant Professor of Surgery (Plastic and Reconstructive Surgery) (primary appointment)
Bachelor of Arts, University of Oregon, 2004
Doctor of Medicine, Baylor University, 2009

Ryan Courtney Fields, M.D.

Professor of Surgery (General Surgery) (primary appointment)
Kim and Tim Eberlein Distinguished Professor
Section Chief - Section of Surgical Oncology
Bachelor of Science, Davenport University, 1998
Doctor of Medicine, Duke University, 2003

Robert S Figenshau, M.D.

Professor of Surgery (Urologic Surgery) (primary appointment)
Taylor Family and Ralph V. Clayman, M.D. Professor of Surgery (Urologic Surgery)
Bachelor of Science, Macalester College, 1981
Doctor of Medicine, University of Minnesota, 1987

Damian Findlay

Voluntary Clinical Instructor of Surgery

Ida K Fox, M.D.

Professor of Surgery (Plastic and Reconstructive Surgery) (primary appointment)
Bachelor of Science, Haverford College, 1994
Doctor of Medicine, University of Rochester, 1999

Jason Kenneth Frankel, M.D.

Assistant Professor of Surgery (Urologic Surgery) (primary appointment)
Bachelor of Science, University of Washington, 2009
Doctor of Medicine, Albany Medical College, 2013

Bradley D. Freeman, M.D.

Professor of Surgery (General Surgery) (primary appointment)
Bachelor of Science, University of Central Florida, 1984
Doctor of Medicine, Duke University, 1988

G

Feng Gao, Ph.D.

Professor of Surgery (Public Health Sciences) (primary appointment)
Professor of Biostatistics
Professor of Medicine
Doctor of Philosophy, Emory University, 2003

William A Gay, M.D.

Professor Emeritus of Surgery (Cardiothoracic Surgery)
Bachelor of Arts, Virginia Military Institute, 1957
Doctor of Medicine, Duke University, 1961

Andrew E. Gelman, Ph.D.

Professor of Surgery (Cardiothoracic Surgery) (primary appointment)
Professor of Pathology and Immunology
Jacqueline G and William E Maritz Endowed Chair in Immunology and Oncology
Bachelor of Science, University of California Los Angeles, 1996
Doctor of Philosophy, University of Pennsylvania, 2006

Patrick J Geraghty, M.D.

Professor of Surgery (General Surgery) (primary appointment)
Bachelor of Science, Northwestern University, 1989
Doctor of Medicine, Northwestern University, 1991

William Ewald Gillanders, M.S., M.D.

Professor of Surgery (General Surgery) (primary appointment)
Vice Chair - Research,
Mary Culver Professorship in Surgery
Bachelor of Arts, Williams College, 1987
Doctor of Medicine, Duke University, 1991
Master of Science, Medical University of South Carolina, 2006

Jeffrey Scott Glaser, M.D.

Instructor in Surgery (Urologic Surgery) (Pending Dean's Approval) (primary appointment)
Bachelor of Arts, Northwestern University, 1983
Doctor of Medicine, University of Missouri Columbia, 1987

Katherine LuBell Glover-Collins, Ph.D., M.D.

Assistant Professor of Surgery (General Surgery) (primary appointment)

Bachelor of Science, Xavier University of Louisiana, 2001
Doctor of Philosophy, Meharry Medical College, 2009

Doctor of Medicine, Meharry Medical College, 2009

Simon P Goedegebuure, Ph.D.

Associate Professor of Surgery (General Surgery) (primary appointment)

Doctor of Philosophy, Erasmus University Rotterdam, 1989

Omar Guerra

Assistant Professor of Surgery (General Surgery) (Pending Executive Faculty Approval) (primary appointment)

Zeynep Gul, M.D.

Assistant Professor of Surgery (Urologic Surgery) (primary appointment)

Baccalaureatus, Princeton University, 2011

Doctor of Medicine, Case Western Reserve University, 2015

Jun Guo, M.S., Ph.D.

Associate Professor of Surgery (Pediatric Surgery) (Pending Executive Faculty Approval) (primary appointment)

Bachelor of Science, Nanjing University (#####), 1991

Master of Science, Dalian Medical University (#####), 1997

Doctor of Philosophy, Mongolian National University of Medical Sciences, 2000

Steven William Guyton

Associate Professor of Clinical Surgery (Cardiothoracic Surgery)

H

Bruce Lee Hall, M.B.A., Ph.D., M.D.

Professor of Surgery (General Surgery) (primary appointment)

Professor of Health Care Management (Olin School of Business)

Fellow in the Center for Health Policy

Bachelor of Arts, Princeton University, 1984

Doctor of Philosophy, Duke University, 1991

Doctor of Medicine, Duke University, 1992

Master of Business Administration, Harvard University, 2000

Chet Hammill, M.S., M.D.

Associate Professor of Surgery (General Surgery) (primary appointment)

Champaign, 1996

Champaign, 2004

Master of Science, Oregon Health & Science University, 2012

William G. Hawkins, M.D.

Professor of Surgery (General Surgery) (primary appointment)

Neidorff Family and Robert C Packman Professor

Section Chief - Section of Hepatobiliary-Pancreatic

Bachelor of Arts, New York University, 1991

Doctor of Medicine, State University of New York at Stony Brook, 1995

Genevieve A Hayek, M.S., M.D.

Assistant Professor of Surgery (General Surgery) (primary appointment)

Bachelor of Arts, Washington University in St Louis, 2005

Master of Science, Columbia University, 2020

Doctor of Medicine, University of Queensland, 2020

Michael E Hayek, M.S., M.D.

Instructor in Clinical Surgery (General Surgery)

Bachelor of Arts, Saint Louis University, 1976

Master of Science, Saint Louis University, 1978

Doctor of Medicine, University of Missouri Columbia, 1982

Sara E Holden, M.D.

Assistant Professor of Surgery (General Surgery) (primary appointment)

Bachelor of Science, Truman State University (Formerly Northeast Missouri State University), 2005

Doctor of Medicine, University of Minnesota, 2010

Katherine M. Holzem, M.D.

Assistant Professor of Surgery (General Surg) (primary appointment)

Bachelor of Arts, University of Pennsylvania, 2005

Doctor of Medicine, Washington University in St Louis, 2017

Mark Houston Hoofnagle, Ph.D., M.D.

Assistant Professor of Surgery (General Surgery) (primary appointment)

Bachelor of Science, Bucknell University, 1999

Doctor of Philosophy, University of Virginia, 2008

Doctor of Medicine, University of Virginia, 2009

Ashley J Husten, M.P.A., O.T.D.

Assistant Professor of Surgery (Public Health Sciences) (primary appointment)

Assistant Professor of Occupational Therapy

Bachelor of Arts, University of Washington, 2005

Master of Public Administration, George Mason University, 2007

Doctor of Occupational Therapy, Washington University in St Louis, 2014

Donald V Huebener, M.A., M.S., D.Dent.

Professor Emeritus of Surgery

Doctor of Dentistry, Washington University in St Louis, 1969

Master of Science, Case Western Reserve University, 1971

Master of Arts, Washington University in St Louis, 1975

Jean Marie Hunleth, M.P.H., Ph.D.

Associate Professor of Surgery (Public Health Sciences) (primary appointment)

Instructor of Anthropology (Courtesy Affiliation)

Bachelor of Arts, Vanderbilt University, 1998

Master of Public Health, Northwestern University, 2011

Doctor of Philosophy, Northwestern University, 2011

Steven R Hunt, M.D.

Associate Professor of Surgery (General Surgery) (primary appointment)

Bachelor of Arts, Dartmouth College, 1992

Doctor of Medicine, Stanford University, 1997

Chelsea Marie Hutchinson, M.D.

Adjunct Assistant Professor of Surgery (General Surgery)

Doctor of Medicine, University of Virginia, 2014

I

Mohsen Ibrahim, M.D.

Instructor in Surgery (Cardiothoracic Surgery) (primary appointment)

Doctor of Medicine, University of Rome, 1999

Obeid Noor Ilahi, M.D.

Associate Professor of Surgery (General Surgery) (primary appointment)
Doctor of Medicine, Aga Khan University, 1992

J

Aimee S. James, M.A., M.P.H., Ph.D.

Professor of Surgery (General Surgery) (primary appointment)
Bachelor of Arts, Goucher College, 1995
Master of Arts, University of Houston, 1998
Doctor of Philosophy, University of Houston, 1999
Master of Public Health, University of Texas Houston, 2000

Shu Jiang, M.S., Ph.D.

Associate Professor of Surgery (Public Health Sciences) (primary appointment)
Bachelor of Science, Simon Fraser University, 2015
Master of Science, University of Western Ontario, 2016
Doctor of Philosophy, University of Waterloo, 2018

Dane P Johnson, M.D.

Assistant Professor of Surgery (Urologic Surgery) (primary appointment)
Bachelor of Science, University of Minnesota, 2007
Doctor of Medicine, University of Minnesota, 2011

Michael Hiroshi Johnson, M.D.

Associate Professor of Surgery (Urologic Surgery) (primary appointment)
Bachelor of Arts, Dartmouth College, 2001
Doctor of Medicine, University of Washington, 2009

K

Puja Kachroo, M.S., M.D.

Associate Professor of Surgery (Cardiothoracic Surgery) (primary appointment)
Bachelor of Science, Boston University, 2001
Master of Science, Columbia University, 2003
Doctor of Medicine, Ross University School of Medicine, 2007

Tsuyoshi Kaneko, M.D.

Professor of Surgery (Cardiothoracic Surgery) (primary appointment)
John M Shoenberg Professor of Surgery (Cardiothoracic Surgery)
Doctor of Medicine, Keio University, 2002

Kirsten Karkow

Voluntary Clinical Instructor in Surgery

Demetrios Katsikas, M.D.

Instructor in Clinical Surgery (Urological Surgery)
Bachelor of Science, University of Michigan (Duplicate of University of Michigan Ann Arbor), 1985
Doctor of Medicine, Wayne State University, 1989

Amy Frances Kells, Ph.D., M.D.

Assistant Professor of Surgery (Plastic and Reconstructive Surgery) (primary appointment)
Bachelor of Science, Vanderbilt University, 1984
Doctor of Philosophy, Vanderbilt University, 1992

Doctor of Medicine, Vanderbilt University, 1993

Adeel Khan, M.D.

Associate Professor of Surgery (General Surgery) (primary appointment)
Bachelor of Science, Bahria University, 1997
Doctor of Medicine, Aga Khan University, 2002

Saira Khan, M.P.H., Ph.D.

Assistant Professor of Surgery (Public Health Sciences) (primary appointment)
Bachelor of Science, Southeast Missouri State University, 2004
Master of Public Health, Drexel University, 2008
Doctor of Philosophy, University of North Carolina at Chapel Hill, 2016

Vipul Khetarpaul, M.D.

Assistant Professor of Surgery (General Surgery) (primary appointment)

Assistant Professor of Radiology
Doctor of Medicine, Karnataka Institute of Medical Sciences, 2007

Eric Hwan Kim, M.D.

Associate Professor of Surgery (Urologic Surgery) (primary appointment)
Doctor of Medicine, Washington University in St Louis, 2012

Jae Sung Kim, M.A., Ph.D.

Professor of Surgery (General Surgery) (primary appointment)
Professor of Cell Biology and Physiology
Bachelor of Science, Seoul National University, 1988
Master of Arts, Seoul National University, 1990
Doctor of Philosophy, University of Wisconsin, 1999

John P. Kirby, M.S., M.D.

Associate Professor of Surgery (General Surgery) (primary appointment)
Champaign, 1988
Champaign, 1993
Champaign, 1999

Saul Klein, M.D.

Instructor in Clinical Surgery (Urologic Surgery)
Doctor of Medicine, Syracuse University, 1959

Mary E Klingensmith, M.D.

Professor Emerita of Surgery
Bachelor of Arts, Wellesley College, 1988
Doctor of Medicine, Duke University, 1992

Coen Klos

Voluntary Research Associate Professor of Surgery (General Surgery)

Ira Joe Kodner, M.D.

Professor Emeritus of Surgery (General Surgery)
Bachelor of Arts, Washington University in St Louis, 1963
Doctor of Medicine, Washington University in St Louis, 1967

Paul Kogan, M.D.

Assistant Professor of Surgery (Urologic Surgery) (primary appointment)
Doctor of Medicine, SUNY Downstate Health Sciences University, 2012
Bachelor of Science, SUNY Geneseo, null

Piroska K Kopar, M.D.

Assistant Professor of Surgery (General Surgery) (primary appointment)

Maryland, 1999

Doctor of Medicine, Emory University, 2007

Kunal Deepak Kotkar, M.D.

Assistant Professor of Surgery (Cardiothoracic Surgery) (primary appointment)

Doctor of Medicine, Grant Medical College, 2004

Benjamin D. Kozower, M.D.

Professor of Surgery (Cardiothoracic Surgery) (primary appointment)

Bachelor of Science, University of Rochester, 1993

Doctor of Medicine, University of Rochester, 1997

Lindsay Kranker, M.D.

Assistant Professor of Surgery (General Surgery) (primary appointment)

Doctor of Medicine, University of Colorado Anschutz Medical Campus, 2014

Bachelor of Science, Johns Hopkins University, null

Daniel Kreisel, Ph.D., M.D.

Professor of Surgery (Cardiothoracic Surgery) (primary appointment)

Professor of Pathology and Immunology

G Alexander Patterson MD and Mid America Transplant Endowed

Distinguished Chair in Lung Transplantation

Doctor of Medicine, Mount Sinai School of Medicine, 1995

Doctor of Philosophy, University of Pennsylvania, 2002

L

Hing Hung H Lai, M.D.

Professor of Surgery (Urologic Surgery) (primary appointment)

Professor of Anesthesiology

Gerald L Andriole Professorship in Urologic Surgery

Bachelor of Science, Rice University, 1994

Doctor of Medicine, Cornell University, 1999

Natasha Leigh, M.D.

Assistant Professor of Surgery (General Surg) (primary appointment)

Doctor of Medicine, University of Birmingham, 2020

Jennifer M Leonard, Ph.D., M.D.

Assistant Professor of Surgery (General Surgery) (primary appointment)

Bachelor of Arts, Colorado College, 1999

Doctor of Philosophy, Mayo Clinic College of Medicine and Science, 2011

Doctor of Medicine, Mayo Clinic College of Medicine and Science, 2011

Wenjun Li, M.S., M.D.

Associate Professor of Surgery (Cardiothoracic Surgery) (primary appointment)

Doctor of Medicine, Guangdong Medical College (#####), 1991

Sen University (#####), 2004

Xiaowei Li, M.S., Ph.D.

Assistant Professor of Surgery (Plastic and Reconstructive Surgery) (primary appointment)

Bachelor of Science, Fisher More College, 2002

Master of Science, Fisher More College, 2005

Doctor of Philosophy, Clemson University, 2012

Jerry Michael Liddell, D.P.M.

Assistant Professor of Surgery (General Surgery) (primary appointment)

Bachelor of Science, University of Utah, 1995

Doctor of Podiatric Medicine, Ohio College of Podiatric Medicine, 2002

Deacon Jones Lile, M.D.

Adjunct Assistant Professor of Surgery (General Surgery)

Doctor of Medicine, Drexel University, 2014

Yiing Lin, Ph.D., M.D.

Associate Professor of Surgery (General Surgery) (primary appointment)

Bachelor of Science, Duke University, 1997

Doctor of Philosophy, Washington University in St Louis, 2005

Doctor of Medicine, Washington University in St Louis, 2005

Erin Lynn Linnenbringer, M.S., Ph.D.

Associate Professor of Surgery (Public Health Sciences) (primary appointment)

Bachelor of Science, Washington University in St Louis, 2000

Master of Science, Northwestern University, 2003

Doctor of Philosophy, University of Michigan Ann Arbor, 2014

Ying Liu, Ph.D., M.D.

Associate Professor of Surgery (Public Health Sciences) (primary appointment)

Doctor of Medicine, Florida Beacon Bible College, 1995

Doctor of Philosophy, Texas Tech University, 2006

Alan M Londe, M.D.

Instructor in Clinical Surgery (General Surgery)

Bachelor of Arts, Washington University in St Louis, 1957

Doctor of Medicine, Washington University in St Louis, 1961

Jeffrey A Lowell, M.D.

Professor Emeritus of Surgery

Bachelor of Arts, Oberlin College, 1981

Doctor of Medicine, Yale University, 1985

Esther Jiaxin Lu, M.S., Ph.D.

Associate Professor of Surgery (Public Health Sciences) (primary appointment)

Associate Professor of Biostatistics

Bachelor of Science, Nankai University (#####), 1997

Master of Science, National Univ of Singapore, 2002

Doctor of Philosophy, Medical College of Wisconsin, 2007

Mark A Ludwig, M.D.

Instructor in Clinical Surgery (General Surgery)

Bachelor of Arts, Emory University, 1972

Doctor of Medicine, University of Chicago, 1976

Chongliang Luo, Ph.D.

Assistant Professor of Surgery (Public Health Sciences) (primary appointment)

Doctor of Philosophy, University of Connecticut, 2017

Jingqin Luo, M.S., Ph.D.

Professor of Surgery (Public Health Sciences) (primary appointment)
Professor of Biostatistics
Professor of Medicine
Bachelor of Science, Queen of The Holy Rosary College, 1998
Master of Science, Queen of The Holy Rosary College, 2001
Doctor of Philosophy, Duke University, 2006

M

Susan E Mackinnon, M.D.

Professor of Surgery (Plastic and Reconstructive Surgery) (primary appointment)
Professor of Otolaryngology
Professor of Occupational Therapy
Minot Packer Fryer Professor of Plastic Surgery
Bachelor of Arts, Queens College, 1971
Doctor of Medicine, Queen's University, 1975

Kiran Mahajan, M.S., Ph.D.

Assistant Professor of Surgery (Urologic Surgery) (primary appointment)
Master of Science, Madurai Kamaraj University, 1991
Doctor of Philosophy, Indian Institute of Science, 1998

Nupam P Mahajan, Ph.D.

Professor of Surgery (Urologic Surgery) (primary appointment)
Endowed Professorship of Urologic Surgery Research
Doctor of Philosophy, Indian Institute Of Technology, 1997

Arnab Majumder, M.D.

Assistant Professor of Surgery (General Surgery) (primary appointment)

Bachelor of Science, Case Western Reserve University, 2007
Main Campus, 2011

Sara M Malone, M.S.W., Ph.D.

Instructor in Surgery (Public Health Sciences) (primary appointment)
Adjunct Lecturer
Bachelor of Science, Centre College, 2012
Master of Social Work, Washington University in St Louis, 2014
Doctor of Philosophy, Washington University in St Louis, 2022

Julie Ann Margenthaler, M.D.

Professor of Surgery (General Surgery) (primary appointment)
Bachelor of Arts, Boston University, 1993
Doctor of Medicine, Southern Illinois University Carbondale, 1997

Muhammad Faraz Masood, M.D.

Associate Professor of Surgery (Cardiothoracic Surgery) (primary appointment)
Doctor of Medicine, Dow Medical College Karachi, 2001

Patricia A McGuire, M.D.

Instructor in Clinical Surgery (Plastic and Reconstructive Surgery)
Doctor of Medicine, University of Missouri Columbia, 1985

Matthew Justin McHale

Voluntary Clinical Assistant Professor of Surgery

Michelle Leah Medintz

Voluntary Clinical Assistant Professor of Surgery

Syed Mehmood

Voluntary Clinical Instructor in Surgery (Cardiothoracic Surgery)

Lawrence Mendelow

Assistant Professor of Surgery (General Surgery) (Pending Executive Faculty Approval) (primary appointment)

Bryan F Meyers, M.D.

Professor of Surgery (Cardiothoracic Surgery) (primary appointment)
Section Chief - Section of Thoracic Surgery
Patrick and Joy Williamson Endowed Professor of Surgery (Cardiothoracic Surgery)
Bachelor of Arts, Yale University, 1982
Doctor of Medicine, University of Chicago, 1986

Jerry R Meyers, M.D.

Assistant Professor of Clinical Surgery (General Surgery)
Bachelor of Arts, University of Texas Austin, 1962
Doctor of Medicine, Washington University in St Louis, 1966

Jacob Ryan Miller, M.D.

Assistant Professor of Surgery (Cardiothoracic Surgery) (primary appointment)
Bachelor of Science, Indiana University Bloomington, 2020
Doctor of Medicine, Indiana University Indianapolis, 2020

Kevin Joseph Mitchell, M.D.

Instructor in Clinical Surgery (General Surgery)
Bachelor of Science, Howard University, 1981
Doctor of Medicine, Howard University, 1985

Marc R Moon, M.D.

Section Chief - Section of Cardiac Surgery
Bachelor of Science, University of Michigan Ann Arbor, 1983
Doctor of Medicine, Wayne State University, 1988

Nabil A Munfakh, M.D.

Professor of Surgery (Cardiothoracic Surgery) (primary appointment)
Bachelor of Science, University of Michigan Ann Arbor, 1981
Doctor of Medicine, University of Michigan Ann Arbor, 1985

Gregory P Murphy, M.D.

Associate Professor of Surgery (Urologic Surgery) (primary appointment)
Bachelor of Arts, Tufts University, 2006
Doctor of Medicine, University of Massachusetts Amherst, 2011

Matthew G Mutch, M.D.

Professor of Surgery (General Surgery) (primary appointment)
Section Chief - Section of Colon-Rectal Surgery
Solon and Bettie Gershman Professorship in Colon and Rectal Surgery
Bachelor of Arts, Saint Olaf College, 1990
Doctor of Medicine, Washington University in St Louis, 1994

Terence M. Myckatyn, M.D.

Professor of Surgery (Plastic and Reconstructive Surgery) (primary appointment)
Doctor of Medicine, University of Northern British Columbia, 1997
Bachelor of Science, University of Northern British Columbia, 2003

N

Dilip Sri Nath, M.D.

Associate Professor of Surgery (Cardiothoracic Surgery) (primary appointment)
Bachelor of Science, University of California Berkeley, 1995
Doctor of Medicine, New York University School of Medicine, 1999

Ruben Nava, M.D.

Assistant Professor of Surgery (Cardiothoracic Surgery) (primary appointment)
Doctor of Medicine, Univ of Armed Forces: Military, 2000

Thoi Hieu Ngo, M.D.

Assistant Professor of Surgery (General Surgery) (primary appointment)
College Park, 2010
Doctor of Medicine, New York Medical College, 2014

Thomas E Niesen, M.D.

Instructor in Clinical Surgery (General Surgery)
Bachelor of Science, Tulane University, 1975
Doctor of Medicine, Tulane University, 1979

Richard James Nissen, M.S., D.Dent.

Assistant Professor of Clinical Surgery (Plastic and Reconstructive Surgery)
Bachelor of Science, Iowa State University, 1979
Doctor of Dentistry, University of Iowa, 1983
Master of Science, Washington University in St Louis, 1985

Charles Upshur Nottingham, M.D.

Assistant Professor of Surgery (Urologic Surgery) (primary appointment)
Bachelor of Science, Wake Forest University, 2006
Doctor of Medicine, Virginia Commonwealth University, 2012

Anthony Ian Nunez

Instructor in Clinical Surgery (Cardio Surgery)

O

Jack Oak

Assistant Professor of Surgery (General Surgery) (Pending Executive Faculty Approval) (primary appointment)

John Westley Ohman, M.D.

Associate Professor of Surgery (General Surgery) (primary appointment)
Associate Professor of Radiology
Bachelor of Science, University of Texas Austin, 2008
Doctor of Medicine, University of Texas Health Science Center, 2012

Kerri A Ohman, M.D.

Assistant Professor of Surgery (General Surgery) (primary appointment)
Bachelor of Science, University of Michigan Ann Arbor, 2008
Doctor of Medicine, University of Michigan Ann Arbor, 2012

George A Oliver, M.D.

Assistant Professor Emeritus of Clinical Surgery (General Surgery)

Bachelor of Arts, Washington University in St Louis, 1948
Doctor of Medicine, Washington University in St Louis, 1952

John A Olson, Ph.D., M.D.

Professor of Surgery (General Surgery) (primary appointment)
Bixby Professor of Surgery (General Surgery)
Head of the Department of Surgery
Bachelor of Science, University of Michigan Ann Arbor, 1986
Doctor of Philosophy, University of Florida, 1990
Doctor of Medicine, University of Florida, 1992

Tiffany Medlin Osborn, M.P.H., M.D.

Professor of Surgery (General Surgery) (primary appointment)
Professor of Emergency Medicine
Bachelor of Science, University of Houston, 1992
Doctor of Medicine, University of Texas Health Sciences at San Antonio, 1997
Master of Public Health, Liverpool School of Tropical Medicine, 2009

P

Twinkle Kumar Samudra Pandian, M.P.H., M.D.

Assistant Professor of Surgery (General Surgery) (primary appointment)
Bachelor of Science, University of Minnesota, 2006
Master of Public Health, Johns Hopkins University, 2010
Doctor of Medicine, Mayo Clinic College of Medicine and Science, 2011

Sharad P Parikh

Instructor in Clinical Surgery (General Surgery)

Yikyung Park, M.S., D.Sc.Epi.

Associate Professor of Surgery (Public Health Sciences) (primary appointment)
Bachelor of Science, EWAH Womans University, 1994
Master of Science, EWAH Womans University, 1996
Doctor of Science Epidemiology, Harvard University, 2005

Charles L Parks, M.D.

Instructor in Clinical Surgery (General Surgery)
Bachelor of Science, University of South Dakota, 1967
Doctor of Medicine, Washington University in St Louis, 1969

Jeffrey Andrew Parres, M.D.

Instructor in Clinical Surgery (Urologic Surgery)
Bachelor of Arts, Washington University in St Louis, 1983
Doctor of Medicine, University of Missouri Columbia, 1987

Michael K Pasque, M.D.

Professor of Surgery (Cardiothoracic Surgery) (primary appointment)
Professor of Biomedical Engineering
Professor of Radiology
Doctor of Medicine, University of Oklahoma, 1978

Kamleshkumar Patel, M.D.

Associate Professor of Surgery (Plastic and Reconstructive Surgery) (primary appointment)
Bachelor of Science, University of Missouri Kansas City, 2000
Doctor of Medicine, University of Arizona, 2005

G Alexander Patterson, M.D.

Professor of Surgery (Cardiothoracic Surgery) (primary appointment)

Joseph C Bancroft Professor of Surgery (Cardiothoracic Surgery)
Doctor of Medicine, Queen's University, 1974

Amit Audumbar Pawale, MBBS

Associate Professor of Surgery (Cardiothoracic Surgery) (primary appointment)
Foreign MD equivalent, Shivaji University, 2001

Enrique Pedro Perinetti, Ph.D., M.D.

Instructor in Clinical Surgery (Urologic Surgery)
Doctor of Medicine, School Not Found, 1969
Doctor of Philosophy, School Not Found, 1975

Mitchell A Pet, M.D.

Assistant Professor of Surgery (Plastic and Reconstructive Surgery) (primary appointment)
Doctor of Medicine, Washington University in St Louis, 2011

Gordon W Philpott, M.D.

Professor Emeritus of Surgery (General Surgery)
Bachelor of Science, Yale University, 1957
Doctor of Medicine, Washington University in St Louis, 1961

Mary Politi, M.Phil., Ph.D.

Professor of Surgery (Public Health Sciences) (primary appointment)
Bachelor of Arts, Barnard College, 2001
Master of Philosophy, George Washington University, 2004
Doctor of Philosophy, George Washington University, 2006

Varun Puri, M.S., M.D.

Professor of Surgery (Cardiothoracic Surgery) (primary appointment)
Bachelor of Science, All India Institute of Medical Sciences, 1998
Master of Science, Creighton University, 2007
Doctor of Medicine, Washington University in St Louis, 2009

R

Nishant Raj, M.D.

Assistant Professor of Surgery (General Surgery) (primary appointment)

Bachelor of Science, Saint Johns University, 2004
Doctor of Medicine, Ross University School of Medicine, 2009

Ricardo Rao, M.D.

Instructor in Clinical Surgery (General Surgery)
Bachelor of Arts, University of California San Diego, 1983
Doctor of Medicine, University of Missouri Columbia, 1987

Antonella Luisa Rastelli, M.D.

Associate Professor of Surgery (General Surgery)
Bachelor of Arts, University of Verona, 1984
Doctor of Medicine, University of Verona, 1991

Shuddhadeb Ray, M.D.

Assistant Professor of Surgery (Cardiothoracic Surgery) (primary appointment)
Doctor of Medicine, University of Kansas Medical Center, 2011

Nanette Rahee Reed, M.D.

Assistant Professor of Surgery (General Surgery) (primary appointment)

Assistant Professor of Radiology

Bachelor of Science, University of Notre Dame, 2000
Doctor of Medicine, Baylor College of Medicine, 2004

Shale M Rifkin, M.D.

Assistant Professor of Clinical Surgery (General Surgery)
Doctor of Medicine, Washington University in St Louis, 1948

Harold G Roberts, M.D.

Associate Professor of Surgery (Cardiothoracic Surgery) (primary appointment)
Bachelor of Arts, Hendrix College, 1977
Doctor of Medicine, University of Arkansas for Medical Sciences, 1981

Brian G Rubin, M.D.

Professor of Surgery (General Surgery) (primary appointment)
Professor of Radiology
Bachelor of Arts, Colgate University, 1979
Doctor of Medicine, University of Vermont, 1984

S

Bethany Cara Sacks, M.Ed., M.D.

Associate Professor of Surgery (General Surgery) (primary appointment)
Bachelor of Science, Connecticut College, 1995
Doctor of Medicine, Mount Sinai School of Medicine, 1999
Master of Education, University of Houston, 2010

Justin M Sacks, M.B.A., M.D.

Professor of Surgery (Plastic and Reconstructive Surgery) (primary appointment)
Division Chief - Division of Plastic Surgery
Sydney M Jr and Robert H Shoenberg Endowed Chair in Plastic & Reconstructive Surgery
Bachelor of Science, Cornell University, 1993
Doctor of Medicine, Mount Sinai School of Medicine, 1998
Master of Business Administration, Johns Hopkins University, 2015

Adnan Sadiq, M.D.

Assistant Professor of Surgery (Cardiothoracic Surgery)
Bachelor of Science, State University of New York at Buffalo, 1996
Doctor of Medicine, Royal College of Surgeons, 2001

Jacqueline Mitsouko Saito, M.B.A., M.D.

Associate Professor of Surgery (Pediatric Surgery) (primary appointment)
Bachelor of Arts, Harvard University, 1989
Doctor of Medicine, Columbia University, 1993
Master of Business Administration, Indiana University Indianapolis, 2021

Elizabeth Ann Salerno, M.P.H., Ph.D.

Assistant Professor of Surgery (Public Health Sciences) (primary appointment)
Champaign, 2012
Champaign, 2017
Master of Public Health, Johns Hopkins University, 2018

Luis A Sanchez, M.D.

Professor of Surgery (General Surgery) (primary appointment)
Professor of Radiology

Gregorio A. Sicard Distinguished Professor
Section Chief - Section of Vascular
Bachelor of Science, Yale University, 1983
Doctor of Medicine, Harvard University, 1987

Kenneth Gordon Sands, M.B.A., D.O.

Assistant Professor of Surgery (Urologic Surgery) (primary appointment)
Master of Business Administration, Lincoln Memorial University, 2014
Doctor of Osteopathic Medicine, Lincoln Memorial University, 2014

Dominic Sanford, M.D.

Assistant Professor of Surgery (General Surgery) (primary appointment)

Bachelor of Science, Maryville University of Saint Louis, 2005
Doctor of Medicine, University of Missouri Columbia, 2009

Donald C Sauer, M.D.

Assistant Professor Emeritus of Clinical Surgery (General Surgery)
Bachelor of Arts, Washington University in St Louis, 1956
Doctor of Medicine, Washington University in St Louis, 1960

Matthew Robert Schill, M.D.

Instructor in Surgery (Cardiothoracic Surgery) (primary appointment)
Bachelor of Science, University of Iowa, 2009
Doctor of Medicine, Washington University in St Louis, 2013

Douglas J Schuerer, M.D.

Professor of Surgery (General Surgery) (primary appointment)
Bachelor of Science, Allegheny College, 1991
Doctor of Medicine, University of Pittsburgh, 1995

Maryls E Schuh, M.D.

Instructor in Clinical Surgery (General Surgery)
Bachelor of Science, University of North Dakota, 1973
Doctor of Medicine, Washington University in St Louis, 1979

Debra L Seoane, M.D.

Instructor in Clinical Surgery (General Surgery)
Doctor of Medicine, University of Miami, 1986

Baddr Ahed Shakhsher, M.D.

Assistant Professor of Surgery (Pediatric Surgery) (primary appointment)
Bachelor of Arts, University of Virginia, 2005
Doctor of Medicine, Eastern Virginia Medical School, 2010

Courtney Shands, M.D.

Instructor in Clinical Surgery (Urologic Surgery)
Bachelor of Arts, Stanford University, 1978
Doctor of Medicine, Vanderbilt University, 1982

Surendra Shenoy, Ph.D., MBBS

Professor of Surgery (General Surgery) (primary appointment)
Foreign MD equivalent, Kasturba Medical College, 1980
Doctor of Philosophy, All India Institute of Medical Sciences, 1989

Sachin Mahavir Shridharani

Adjunct Associate Professor of Surgery (Plastic and Reconstructive Surgery)

Gregorio A Sicard, M.D.

Emeritus Professor of Surgery

Bachelor of Science, Saint Louis University, 1965
Doctor of Medicine, University of Puerto Rico (Duplicate of University of Puerto Rico), 1972

Michelle Ilana Silver, M.S., Ph.D.

Assistant Professor of Surgery (Public Health Sciences) (primary appointment)
Bachelor of Science, Stanford University, 2007
Master of Science, Johns Hopkins University, 2009
Doctor of Philosophy, Johns Hopkins University, 2015

Matthew Leon Silveira, M.S., M.D.

Assistant Professor of Surgery (General Surgery) (primary appointment)

Main Campus, 2001
Doctor of Medicine, Temple University, 2005
Master of Science, Temple University, 2010

David Siroospour, M.D.

Assistant Professor of Clinical Surgery (General Surgery)
Doctor of Medicine, School Not Found, 2000

Arjun Sivaraman, M.D.

Assistant Professor of Surgery (Urologic Surgery) (primary appointment)
Doctor of Medicine, Madras Medical College, 2005

Woodson Smelser, M.D.

Assistant Professor of Surgery (Urologic Surgery) (primary appointment)
Bachelor of Science, University of Missouri Columbia, 2011
Doctor of Medicine, University of Missouri Kansas City, 2015

Craig Robert Smith, M.B.A., M.D.

Assistant Professor of Surgery (General Surgery) (Pending Executive Faculty Approval) (primary appointment)
Bachelor of Science, Bucknell University, 1989
Doctor of Medicine, Jefferson Medical College, 1995
Master of Business Administration, Washington University in St Louis, 2000

Radhika K Smith, M.D.

Assistant Professor of Surgery (General Surgery) (primary appointment)

Doctor of Medicine, University of Missouri Kansas City, 2010

Zachary Lee Smith, M.D.

Assistant Professor of Surgery (Urologic Surgery) (primary appointment)
Doctor of Medicine, University of Missouri Kansas City, 2010

Jason Andrew Snyder, M.D.

Assistant Professor of Surgery (General Surgery) (primary appointment)

Bachelor of Science, Kettering University, 2004
Doctor of Medicine, Marshall University, 2008

Alison K Snyder-Warwick, M.D.

Associate Professor of Surgery (Plastic and Reconstructive Surgery) (primary appointment)
Bachelor of Arts, Knox College, 2000

Doctor of Medicine, Washington University in St Louis, 2004

Dirk M Spitzer, Ph.D.

Assistant Professor of Surgery (General Surgery) (primary appointment)

Doctor of Philosophy, Technische U Braunschweig, 1999

Marguerite Spruce, M.D.

Voluntary Clinical Assistant Professor of Surgery

Bachelor of Science, University of Missouri Columbia, 2011

Doctor of Medicine, University of Missouri Columbia, 2015

Charlie Srivilasa

Adjunct Assistant Professor of Surgery

Jessica Staszak, M.S., M.D.

Assistant Professor of Surgery (General Surgery) (primary appointment)

Bachelor of Science, Boston University, 2008

Master of Science, Georgetown University, 2009

Doctor of Medicine, Georgetown University, 2013

Alan Joel Stein, M.D.

Assistant Professor of Clinical Surgery (Urologic Surgery)

Bachelor of Science, University of Wisconsin Madison, 1972

Doctor of Medicine, Wayne State University, 1976

Daniel Charles Stoeckel

Instructor in Clinical Surgery

Steven M Strasberg, M.D.

Professor Emeritus of Surgery

Doctor of Medicine, University of Toronto, 1963

Herbert Sunshine, M.D.

Assistant Professor of Clinical Surgery (Urologic Surgery)

Bachelor of Arts, Washington University in St Louis, 1950

Doctor of Medicine, Washington University in St Louis, 1954

Siobhan Sutcliffe, M.H.S., M.S., Ph.D.

Professor of Surgery (Public Health Sciences) (primary appointment)

Bachelor of Science, Princeton University, 1998

Master of Health Science, Johns Hopkins University, 2001

Master of Science, Johns Hopkins University, 2004

Doctor of Philosophy, Johns Hopkins University, 2005

T

Tsuyoshi Takahashi, Ph.D., M.D.

Instructor in Surgery (Cardiothoracic Surgery) (primary appointment)

Doctor of Medicine, Tokushima University, 2007

Doctor of Philosophy, University of Tokyo, 2018

Shoichiro Alberto Tanaka, M.P.H., M.D.

Assistant Professor of Surgery (Plastic and Reconstructive Surgery)
(primary appointment)

Bachelor of Science, University of Dallas, 2006

Master of Public Health, Tulane University, 2008

Doctor of Medicine, Texas A&M Health Science Center, 2012

Marissa Morningstar Tenenbaum, M.D.

Associate Professor of Surgery (Plastic and Reconstructive Surgery)
(primary appointment)

Bachelor of Science, University of Wisconsin Madison, 1998

Doctor of Medicine, Washington University in St Louis, 2002

Gregory S Tentindo

Voluntary Clinical Instructor of Surgery

Ajit K Tharakan

Visiting Assistant Professor of Surgery

Lewis Jones Thomas, M.D.

Assistant Professor of Surgery (Urologic Surgery) (Pending Executive
Faculty Approval) (primary appointment)

Bachelor of Science, Washington University in St Louis, 2008

Doctor of Medicine, University of Missouri Columbia, 2012

Robert W Thompson, M.D.

Professor of Surgery (General Surgery) (primary appointment)

Professor of Cell Biology and Physiology

Professor of Radiology

Bachelor of Arts, Hope College, 1979

Doctor of Medicine, University of Michigan Ann Arbor, 1983

Adetunji Toriola, M.P.H., MB.ChB., Ph.D.

Professor of Surgery (Public Health Sciences) (primary appointment)

Foreign MD equivalent, Obafemi Awolowo University, 1998

Master of Public Health, University of Kuopio, 2007

Doctor of Philosophy, University of Tampere, 2011

Ralph J Torrence, M.D.

Asst Prof of Clinical Surgery (Urologic Surgery)

Doctor of Medicine, Georgetown University, 1983

Erica J Traxel, M.D.

Associate Professor of Surgery (Urologic Surgery) (primary
appointment)

Bachelor of Science, Texas A&M University, 1998

Doctor of Medicine, Technical College of the Lowcountry, 2002

Thomas H Tung, M.D.

Professor of Surgery (Plastic and Reconstructive Surgery) (primary
appointment)

Bachelor of Science, Duke University, 1986

College Park, 1990

Isaiah Turnbull, M.S., M.D.

Associate Professor of Surgery (General Surgery) (primary
appointment)

Bachelor of Science, University of Oregon, 1998

Master of Science, Washington University in St Louis, 2008

Doctor of Medicine, Washington University in St Louis, 2008

V

Kelly Jean Vallar, M.D.

Assistant Professor of Surgery (General Surgery) (primary appointment)

Doctor of Medicine, University of Missouri Kansas City, 2011

Jesse Daya Vrecenak, M.D.

Assistant Professor of Surgery (Pediatric Surgery) (primary
appointment)

Bachelor of Science, Yale University, 2003

Doctor of Medicine, University of Pennsylvania, 2007

Gino J Vricella, M.D.

Assistant Professor of Surgery (Urologic Surgery) (primary appointment)

Doctor of Medicine, University of Missouri Columbia, 2006

Bachelor of Science, Saint Louis University, 2012

W

Alyssa Danielle Wait

Assistant Professor of Surgery (General Surgery) (Pending Executive Faculty Approval) (primary appointment)

Howard S Walker, M.D.

Instructor in Clinical Surgery (Cardiothoracic Surgery)

Bachelor of Arts, Citadel Military College of South Carolina, 1971

Doctor of Medicine, Beaufort Technical College (Duplicate of Technical College of the Lowcountry), 1974

Lisa Marie Waller, M.S., Ph.D.

Professor of Surgery (Public Health Sciences) (primary appointment)

Bachelor of Science, Concordia College, 1982

Master of Science, University of Memphis (Formerly Memphis State University), 1991

Doctor of Philosophy, University of Minnesota, 1995

Fei Wan, M.S., Ph.D.

Associate Professor of Surgery (primary appointment)

Master of Science, University of Vermont, 2001

Doctor of Philosophy, University of Pennsylvania, 2015

Zachary James Wanken, M.S., M.D.

Assistant Professor of Surgery (General Surgery) (primary appointment)

Doctor of Medicine, Saint Louis University, 2015

Master of Science, Dartmouth College, 2019

Brad W. Warner, M.D.

Professor of Surgery (Pediatric Surgery) (primary appointment)

Professor of Pediatrics

Division Chief - Division of Pediatric Surgery

Jessie L. Ternberg, M.D., PhD. Distinguished Professor of Pediatric Surgery in Surgery (Pediatric Surgery)

Bachelor of Science, University of Missouri Kansas City, 1982

Doctor of Medicine, University of Missouri Kansas City, 1982

Erika Waters, M.P.H., M.S., Ph.D.

Professor of Surgery (Public Health Sciences) (primary appointment)

Bachelor of Science, Arizona State University, 1999

New Brunswick, 2003

New Brunswick, 2006

Master of Public Health, Johns Hopkins University, 2007

Michael D Weiss, D.P.M.

Assistant Professor of Surgery (General Surgery) (primary appointment)

Main Campus, 1977

Doctor of Podiatric Medicine, Ohio College of Podiatric Medicine, 1981

Jason R Wellen, M.D.

Professor of Surgery (General Surgery) (primary appointment)

Bachelor of Science, Emory University, 1998

Doctor of Medicine, Saint George's University, 2002

Samuel A Wells, M.D.

Professor Emeritus of Surgery

Doctor of Medicine, Emory University, 1961

Amanda Meppelink Westman, Ph.D.

Assistant Professor of Surgery (Plastic and Reconstructive Surgery) (primary appointment)

Bachelor of Science, Washington University in St Louis, 2012

Doctor of Philosophy, University of Virginia, 2020

Brad C White, M.D.

Instructor in Clinical Surgery (Urologic Surgery)

Bachelor of Science, Illinois State University, 1986

Doctor of Medicine, Loyola University Chicago, 1993

Paul Edward Wise, M.D.

Professor of Surgery (General Surgery) (primary appointment)

Bachelor of Science, Georgetown University, 1992

Doctor of Medicine, Johns Hopkins University, 1996

Brian Wing-Chi Wong, Ph.D.

Assistant Professor of Surgery (General Surgery) (primary appointment)

Bachelor of Science, University of British Columbia, 2001

Doctor of Philosophy, University of British Columbia, 2011

Matthew D Wood, M.S., Ph.D.

Associate Professor of Surgery (Plastic and Reconstructive Surgery) (primary appointment)

Bachelor of Science, Saint Louis University, 2005

Master of Science, Washington University in St Louis, 2008

Doctor of Philosophy, Washington University in St Louis, 2009

Y

Yan Yan, M.A., M.H.S., Ph.D., M.D.

Professor of Surgery (Public Health Sciences) (primary appointment)

Professor of Biostatistics

Doctor of Medicine, Nanjing Medical University (#####), 1983

Master of Arts, Georgetown University, 1993

Master of Health Science, Johns Hopkins University, 1995

Doctor of Philosophy, Johns Hopkins University, 1998

Muhammad T Yasin, M.D.

Assistant Professor of Surgery (General Surgery) (primary appointment)

Doctor of Medicine, Punjab University, 1985

William D Yates, M.D.

Instructor in Clinical Surgery (General Surgery)

Bachelor of Arts, Northwestern University, 1983

Doctor of Medicine, Northwestern University, 1985

Andrew Yeh, M.D.

Assistant Professor of Surgery (Pediatric Surgery) (primary appointment)

Bachelor of Science, University of Toronto, 2007

Doctor of Medicine, University of Hawaii Oahu, 2012

Robert A Young, M.S., J.D., M.D.

Instructor in Clinical Surgery (Plastic and Reconstructive Surgery)
Bachelor of Arts, University of Michigan (Duplicate of University of Michigan Ann Arbor), 1973
Main Campus), 1975
Main Campus), 1978
Juris Doctor, Saint Louis University, 1997

Jennifer Yu, M.D.

Assistant Professor of Surgery (General Surgery) (primary appointment)

Bachelor of Science, Washington University in St Louis, 2008
Doctor of Medicine, Washington University in St Louis, 2012

Z

Mohamed A Zayed, Ph.D., M.D.

Associate Professor of Surgery (General Surgery) (primary appointment)
Associate Professor of Radiology
Bachelor of Science, University North Carolina, 2002
Doctor of Philosophy, University of North Carolina at Chapel Hill, 2007
Doctor of Medicine, University of North Carolina at Chapel Hill, 2009

Christian W Zemlin, Ph.D.

Associate Professor of Surgery (Cardiothoracic Surgery) (primary appointment)
Doctor of Philosophy, Humboldt University, 2012

Jeffrey Zuke, M.D.

Assistant Professor of Surgery (General Surgery) (Pending Executive Faculty Approval) (primary appointment)
Doctor of Medicine, University of Missouri Kansas City, null

Research Electives

Surgery Research Electives

Students at all levels are encouraged and welcomed to get involved with surgical research. Many opportunities exist within the Department of Surgery for students to participate in advanced clinical or research experiences.

For the most up-to-date medical student research opportunities, please visit the Research page of the Department of Surgery website (<https://surgery.wustl.edu/research/>).

Courses

Visit online course listings to view offerings for M95 Surgery (<https://courses.wustl.edu/CourseInfo.aspx?sch=M&dept=M95>).

M95 Surgery 814 Acute and Critical Care Surgery (Clinical Elective)

The student on this elective will function as a subintern on the Trauma and Acute Care Surgical Service within the Section of Acute and Critical Care Surgery. Through completion of this elective, the student will gain an ability to evaluate, resuscitate and manage trauma and emergency general surgery patients. Subinterns will actively interact with patients in the outpatient office, hospital ward and operating room. Practical

experience will involve preoperative patient evaluation, resuscitation of acutely ill patients, operative patient management, in-hospital patient care and postoperative outpatient follow-up. The student will also participate in affiliated conferences and in-house call.

M95 Surgery 817 Surgical Night Float / Emergency Surgical Consults and Trauma Night Rotation (Clinical Elective)

This elective is specifically designed to give senior medical students an intern-level experience in managing acute on-call problems in surgical patients and in evaluating urgent and emergent problems in the ED. The rotation will be divided into two, two-week segments: one segment in the ED and the second on night float call on the surgical floors. Students will gain experience evaluating and managing the types of acute problems they will encounter as surgical interns as first responders to patients with acute abdominal pain, chest pain, hypotension, mental status changes, and other ER/on-call type problems. They will be assigned to the on-call surgical resident and will have a structured experience in order to maximize development of their diagnostic, management, and case presentation skills in the acute care setting so that they may more smoothly make the transition to a surgical internship. Medical students are also invited to participate in ongoing research projects under the mentorship of surgery faculty.

M95 Surgery 820 Cardiothoracic Surgery (Clinical Elective)

The elective in cardiothoracic surgery is a four-week clinical rotation with two-week blocks divided between adult cardiac, pediatric cardiothoracic, and general thoracic surgery (according to the student's preference). Students will participate in morning work rounds, attend the operative procedures of their choice, and attend weekly conferences and teaching rounds. Students will be introduced not only to the surgical procedures, but also to the postoperative care of the surgical patients. On the pediatric and adult cardiac services, students will be introduced to the principles of cardiopulmonary bypass, repair of congenital heart defects, ventricular assist devices, heart lung transplantation and procurement, coronary artery bypass surgery (on and off pump), valve repair and replacement, complex aortic surgery, the MAZE procedures and others. On the adult cardiac surgery service, students will function as sub-interns under the direct supervision of a faculty member. On the thoracic surgical rotation, students will have the opportunity to perform bronchoscopy, esophagoscopy, gastroscopy, and participate in surgical resections of lung cancer and esophageal cancer, as well as surgery for emphysema and for benign esophageal conditions. Students will also participate in lung transplantation surgery. Medical students are also invited to participate in ongoing research projects under the mentorship of surgery faculty. Please contact course director if you are interested in this option.

M95 Surgery 830 Plastic & Reconstructive Surgery (Clinical Elective)

The period on Plastic Surgery may either be spent as a clinical clerkship or conducting a research project. The purpose of the clinical clerkship is to familiarize the student with the basic principles of Plastic Surgery. The student will have successive assignments to each of the attending staff and the ward resident services during the four weeks. This will expose the student to the breadth and depth of plastic surgery. Alternatively, if the student has identified a focus of interest, the student may participate on those services of special interest, such as hand or pediatric plastic surgery. The student will assume an active role on the plastic surgery service and will participate in the total management of a wide variety of surgical problems including congenital anomalies, microvascular surgery, surgery of the upper extremity, peripheral nerve surgery, cosmetic surgery, and general reconstructive plastic surgery. Research projects should be student-motivated, and must be approved prior to scheduling and confirming the research rotation. Student will perform a ten-minute case presentation.

M95 Surgery 850 Urologic Surgery (Clinical Elective)

The four-week clinical elective will offer the interested student experience with a spectrum of problems in clinical urology - both adult and pediatric. The student will learn the basic diagnostic procedures and management of surgical and non-surgical aspects of patient care under the supervision of the attending staff and house staff. Clinical conferences are held two days per week. Medical students are also invited to participate in ongoing research projects under the mentorship of urology faculty. Please contact course director prior to the start of the elective if you are interested in this option.

M95 Surgery 862 Colon & Rectal Surgery (Clinical Elective)

This elective is designed to give students in-depth experience in the clinical management of patients on the Colorectal Surgery Service. Students work closely with the attendings within the Section of Colon and Rectal Surgery, and clinical exposure is focused on a wide range of benign and malignant colorectal diseases. There is exposure to radiation oncology and the specialized areas of nursing related to care of patients with colorectal cancer and inflammatory bowel disease. The course will offer opportunities for students to gain experience in preoperative, intraoperative and postoperative, patient management under house staff, fellows, and faculty guidance, as well as ample opportunity to attend and participate in conferences. Notice: If a student desires to work more closely with a specific attending, he/she must make special arrangements with the Colorectal Surgery Office prior to beginning this elective.

M95 Surgery 863 Surgical Oncology & Endocrine Surgery (Clinical Elective)

This elective is designed to give students in-depth experience in the clinical management of patients on the Endocrine and Surgical Oncology Service (Unit I Service). Students will serve as clerks and will be responsible for patient management with house staff under the guidance of the chief resident and attending surgeons. Clinical exposure is focused on thyroid and parathyroid surgery, as well as breast oncology, melanoma, and soft-tissue sarcomas. The course will offer opportunities for students to gain experience in preoperative, intraoperative, and postoperative patient management. There will be opportunity for students to evaluate patients, decide on a diagnostic and management strategy and provide care under house staff and faculty guidance, as well as ample opportunity to attend and participate in conferences.

M95 Surgery 864 Ethical Challenges in Surgery and Medicine (Non-Clinical Elective)

This elective will involve exploration of the ethical challenges discussed during didactic conferences and in clinical settings within the Department of Surgery at Washington University in St. Louis School of Medicine. The student will be guided through readings, discussions, and projects by department faculty members with expertise in clinical ethics. The elective will result in a manuscript ready to be revised/ finalized for publication submission with the student as lead author. This elective provides the opportunity to work closely with faculty mentors and should appeal to any student interested in the ethical and humanitarian challenges facing physicians in particular and society in general.

M95 Surgery 871 Vascular Surgery (Clinical Elective)

This elective is designed to give students in-depth experience in the clinical management of patients on the Vascular Surgery Service. The elective will offer opportunities for students to gain experience in preoperative, intraoperative and postoperative management of patients with surgically treated vascular diseases/conditions. Students will serve as clerks and will be responsible for patient management with house staff under the guidance of the fellow and attending surgeons. There will be opportunity for students to evaluate patients,

decide on a diagnostic and management strategy, and provide care under house staff and faculty guidance, as well as ample opportunity to attend and participate in conferences. Notice: If a student desires to work more closely with a specific attending, he/she must make special arrangements with the faculty member prior to beginning this elective.

M95 Surgery 879 Hepatobiliary-Pancreatic Surgery (Clinical Elective)

This course is designed to give students in-depth experience in the clinical management of patients on the Hepatobiliary-Pancreatic (HPB) Service. The HPB Service is a busy upper gastrointestinal service with a focus on hepatobiliary and pancreatic diseases and their treatment. The course offers opportunities for students to gain experience in preoperative, intraoperative, and postoperative patient management. Students will serve as clerks and will be responsible for patient management with house staff under the guidance of the fellow, chief resident and attending surgeons. There will be opportunity for students to evaluate patients, decide on a diagnostic and management strategy, and provide care under house staff and faculty guidance, as well as ample opportunity to attend and participate in conferences. Note: If a student desires to work more closely with a specific attending, he/she must make special arrangements with the faculty member prior to beginning this elective.

M95 Surgery 880 Pediatric Surgery (Clinical Elective)

This course will expose the student to a wide variety of pediatric surgical cases. This includes the preoperative and postoperative care of patients as well as the care of pediatric trauma patients. Daily walking or sit-down rounds are made with the resident, nurse practitioner, and attending staff, and participation is expected in the pediatric surgery clinic and the operating room. Weekly conference attendance is mandatory and includes mortality and morbidity, radiology, pathology, solid tumor board, ED/trauma, and GI conferences. Students have the opportunity to understand the widely differing anatomy and physiology of patients ranging from newborn infants to teenagers and young adults. The student functions as a team member and assumes level-appropriate responsibilities as determined by senior team members in this highly specialized care field.

M95 Surgery 891 Organ Transplantation (Clinical Elective)

The care of transplant patients requires the integration of multiple diverse medical and surgical disciplines. This course in organ transplantation encompasses the preoperative evaluation and management of adult and pediatric recipients of liver, kidney, and pancreas. Students participate in procurement of allografts from cadaveric or living donors, organ preservation, and transplantation. Emphasis is also placed on postoperative care, multimodality immunosuppression and management of allograft rejection. Basic hepatic and renal physiology, fluid and electrolyte balance, and transplantation immunology are stressed. Rotation provides an elaborate exposure to different facets of management of end stage renal and liver disease. Management of the complications of diabetes, hypertension, portal hypertension, and infectious problems are an integral part of pre- and post-transplant care. This course is designed to offer the student an overview of the field of organ transplantation, however, in addition to transplant surgery, students will also get some exposure to vascular access and hepatobiliary surgery. The student functions as a member of the transplant team and assumes appropriate responsibilities under supervision.

M95 Surgery 893 Minimally Invasive Surgery (Clinical Elective)

This elective in minimally invasive surgery is offered by the Chief of the Section of Minimally Invasive Surgery in the General Surgery Division. Surgeons in the Minimally Invasive Surgery group regularly perform the following procedures laparoscopically: cholecystectomy, splenectomy, adrenalectomy, hiatal hernia repair, endoscopic myotomy for achalasia, inguinal hernia repair, ventral hernia repair, complex abdominal wall

reconstruction, robotic surgery, and bariatric surgery for morbid obesity. The medical student electing this rotation will participate in the outpatient office and direct patient care, assist and observe in a wide range of laparoscopic procedures and participate in teaching rounds and conferences. During this rotation, the student will also have the opportunity to observe and participate in minimally invasive surgical procedures performed by various surgeons within the Section of Minimally Invasive Surgery and will function as an acting intern.

M95 Surgery 910 General Surgery Advanced Clinical Rotation (ACR)

Students in the General Surgery ACR are placed in one of the following seven services. Students may enroll in this ACR twice. Acute and Critical Care Surgery: The ACCS service provides experience with a broad range of general surgical problems. Typically, students encounter patients with acute traumatic injuries or burns and are exposed to many acute surgical problems such as acute abdominal emergencies, skin and soft tissue infections (including some amputations), acute appendicitis, and acute cholecystitis. Students will likely experience a combination of laparoscopic, robotic, and open operations. Students also gain experience with pre-operative evaluation and operative management of patients undergoing elective surgical procedures such as hernia repair and cholecystectomy. Colorectal Surgery: The Colorectal Surgery rotation covers all aspects of benign and malignant colorectal and anal disease. The operative procedures vary from simple anorectal procedures to large open abdominal, robotic and laparoscopic operations. Students will likely encounter both urgent/emergent and elective operations. Hepatobiliary and Pancreatic Surgery: The HPB service exposes students to a variety of surgical conditions of the pancreas, liver, stomach, and biliary tract. This includes benign and cancerous conditions. Students may also encounter surgeries for various types of sarcomas. They will encounter laparoscopic, robotic, and large open operations. Minimally Invasive Surgery: The MIS service exposes students to patients with a variety of surgical problems (including hernias, gallstone disease, gastrointestinal foregut problems, morbid obesity, and endocrine disorders). Students are exposed to basic and advanced minimally invasive surgery (laparoscopic and robotic operations) as well as complex open operations. Pediatric Surgery: Pediatric surgery is essentially general surgery on children. Students are exposed to a wide variety of conditions involving the gastrointestinal tract, genitourinary tract, lung, diaphragm, etc. The service handles a significant amount of penetrating and blunt trauma, burns, and other acute surgical emergencies such as appendicitis, intestinal obstruction, and perforated viscus. In addition, the student will be exposed to surgery on newborns for vascular access and intestinal and abdominal wall conditions. Students will be exposed to a variety of surgical approaches including open, laparoscopic, and thoracoscopic procedures. Surgical Oncology: The Surgical Oncology (formerly Endo/Onc) service is primarily dedicated to the treatment of some of the most common cancers in adults (including breast, melanoma, and thyroid). Students will also obtain experience with many other surgeries for benign disease processes in breast and endocrine glands (thyroid, parathyroid, and adrenal). Students may also encounter surgery for sarcomas and a unique operation that involves heated intra-peritoneal chemotherapy for advanced cancers (HIPEC). They will likely encounter some laparoscopic procedures (adrenalectomy). Transplant Surgery: Abdominal Organ Transplantation exposes students to a blend of medical and surgical care of solid-organ transplant patients (kidney, pancreas, and liver). Organ procurements provide the ultimate exposure to human anatomy in a heart-beating, brain-dead donor. Students will likely experience other hepato-biliary procedures (liver resection, pancreatic resection, biliary tract surgery etc) for benign/malignant conditions and vascular access procedures (AV fistula formation), providing broad anatomical exposure. Most of these operations are performed with large, open incisions but students may encounter some laparoscopic procedures (cholecystectomy). Credit 140 units.

M95 Surgery 915 Cardiothoracic Surgery Advanced Clinical Rotation (ACR)

Available blocks: TBD **4 week rotations**

The description for this course will be added as soon as it is finalized.

Student time distribution: TBD

Patients seen weekly: TBD

On-call/weekend responsibility: TBD

M95 Surgery 920 Plastic and Reconstructive Surgery Advanced Clinical Rotation (ACR)

The period on Plastic and Reconstructive Surgery will be spent as a clinical clerkship. The purpose of the clinical sub-internship is to familiarize the student with the basic principles of Plastic and Reconstructive Surgery and prepare for internship. The student will have successive assignments to each of the attending staff and the ward resident services during the four weeks. This will expose the student to the breadth and depth of plastic and reconstructive surgery. Alternatively, if the student has identified a focus of interest, the student may participate on those services of special interest, such as hand or pediatric plastic surgery, although rotation will be required each week. Students will submit a preference list for service assignments prior to the rotation and efforts will be made to accommodate these preferences. The student will assume an active role on the plastic and reconstructive surgery service and will participate in the total management of a wide variety of surgical problems including congenital anomalies, microvascular surgery, surgery of the upper extremity, peripheral nerve surgery, cosmetic surgery, and general reconstructive plastic surgery. Students will be expected to participate in patient care on morning and afternoon rounds, in clinic, the emergency department, and in the operating room. Students will gain basic procedural skills including wound care, splinting, and suturing. Student will perform a ten-minute case presentation at PRS Grand Rounds. Credit 140 units.

M95 Surgery 925 Urologic Surgery Advanced Clinical Rotation (ACR)

The Phase 3 Urology ACR will provide exposure to the full spectrum of clinical urology over four weeks. The student will learn the basic evaluation of the urologic patient, including diagnostic procedures, as well as the management (both surgical and non-surgical) of urologic conditions, under the supervision of the attending staff and house staff. The majority of the rotation will be with the Adult Urology Service in both inpatient and outpatient settings along with a few days on Pediatric Urology. Credit 140 units.