

Department of Orthopaedic Surgery

Orthopaedic surgery is concerned with the injuries, diseases and conditions of the musculoskeletal system. The WUSM III rotation in Musculoskeletal Surgery & Medicine exposes the student to multiple aspects of orthopaedic surgery, including caring for patients in the emergency department and the operating room as well as clinical practice in the emergency department and the outpatient and inpatient wards.

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

Faculty

Regis O'Keefe, MD, PhD (<https://www.ortho.wustl.edu/content/Patient-Care/3683/FIND-A-PHYSICIAN/Physician-Directory/Regis-OKeefe-MD/Bio.aspx>)
Department Chair

Visit our website for more information about our faculty (<http://www.ortho.wustl.edu/content/Patient-Care/2295/Find-a-Physician/Physician-Directory.aspx>) and their appointments.

A

Yousef Abu-Amer, PHD, MS

Dr J Albert Key Professor of Orthopaedic Surgery (primary appointment)
Professor of Cell Biology and Physiology
BS Hebrew University 1985
PHD Hebrew University 1993
MS Hebrew University 1987

Muyibat A Adelani, MD

Assistant Professor of Orthopaedic Surgery (primary appointment)
MD Vanderbilt University 2008

Alexander William Aleem, MD

Assistant Professor of Orthopaedic Surgery (primary appointment)
MD Washington Univ in St. Louis 2010
BS Johns Hopkins University 2006

B

Jonathon David Backus, MD

Assistant Professor of Orthopaedic Surgery (primary appointment)
BS University of Urbana IL 2005
MD Duke University 2010

Robert L Barrack, MD

Charles F and Joanne Knight Distinguished Professor of Orthopaedic Surgery (primary appointment)

MD Vanderbilt University 1980

Donald R Bassman, MD

Instructor in Clinical Orthopaedic Surgery (primary appointment)
MD Washington Univ in St. Louis 1975
BA Washington Univ in St. Louis 1971

Marschall Brantling Berkes, MD

Assistant Professor of Orthopaedic Surgery (primary appointment)
MD Vanderbilt University 2008

Terra Rupert Blatnik, MD

Assistant Professor of Orthopaedic Surgery (primary appointment)
BS Allegheny College 2003
MD Case Western Reserve Univ 2007

Martin I Boyer, MD, MS

Carol B and Jerome T Loeb Professor of Orthopaedic Surgery (primary appointment)
MD University of Toronto 1988
MS University of Toronto 1993

Keith Happ Bridwell, MD

J Albert Key Distinguished Professor of Orthopaedic Surgery (primary appointment)
Professor of Neurological Surgery
MD Washington Univ in St. Louis 1977
BA Washington Univ in St. Louis 1973

David Micah Brogan, MS, BE, MD, MS1

Assistant Professor of Orthopaedic Surgery (primary appointment)
Assistant Professor of Neurological Surgery
MS University College London 2004
BE Vanderbilt University 2003
MD Washington Univ in St. Louis 2009
MS1 University of London 2005

Robert Henry Brophy IV, MD, MS

Professor of Orthopaedic Surgery (primary appointment)
BS Stanford University 1994
BA Stanford University 1994
MD Washington Univ in St. Louis 2001
MS Stanford University 1995

Jacob M Buchowski, MS, MD

Lawrence G and Elizabeth A Lenke Distinguished Professor of Orthopaedic Surgery (primary appointment)
Professor of Neurological Surgery
MS Yale University 1996
MD Johns Hopkins University 2000
BS Yale University 1996

C

Ryan Patrick Calfee, MD

Associate Professor of Orthopaedic Surgery (primary appointment)

BS University of Virginia 1997
MD Washington Univ in St. Louis 2001

Eric Ward Carson, MD

Professor of Orthopaedic Surgery (primary appointment)
BS Tufts University 1982
MD University of Illinois Chicago 1989

Aaron Mark Chamberlain, B MUS, MD

Associate Professor of Orthopaedic Surgery (primary appointment)
B MUS University of Utah 2002
MD University of CA San Francisco 2006

Abby Ling Lee Cheng, MD

Assistant Professor of Orthopaedic Surgery (primary appointment)
Assistant Professor of Neurology
Assistant Professor of Surgery (Public Health Sciences)
MD Washington Univ in St. Louis 2013

Cara Alessandra Cipriano, MD

Assistant Professor of Orthopaedic Surgery (primary appointment)
BS Williams College 2003
MD University of Pennsylvania 2007

John C Clohisy, MD

Daniel C. and Betty B. Viehmann Distinguished Professor of Orthopaedic Surgery (primary appointment)
MD Northwestern University 1989
BA Northwestern University 1985

Berdale S. Colorado, MS, DOST

Assistant Professor of Orthopaedic Surgery (primary appointment)
Assistant Professor of Neurology
BS University of Iowa 2004
MS Des Moines University 2009
DOST Des Moines University 2009

D

Kayla E Daniel, MD

Assistant Professor of Orthopaedic Surgery (primary appointment)
BA Washington Univ in St. Louis 2011
MD RUSH MEDICAL COLLEGE 2016

Gregory M Decker, MD

Assistant Professor of Orthopaedic Surgery (primary appointment)
Assistant Professor of Neurology
MD American Univ of the Caribbean 2014

Laura C DePalma, DOST

Assistant Professor of Orthopaedic Surgery (primary appointment)
DOST Phil Coll of Osteopathic Med 2009

Christopher J. Dy, M PH, MD

Assistant Professor of Orthopaedic Surgery (primary appointment)
Assistant Professor of Surgery (Public Health Sciences)
M PH University of Miami 2008
BS University of Miami 2004
MD University of Miami 2008

E

Lawrence Glennon Evans Jr

Instructor in Orthopaedic Surgery (primary appointment)

F

Roberta Faccio, PHD

Professor of Orthopaedic Surgery (primary appointment)
Professor of Cell Biology and Physiology
PHD University of Bari 2000

G

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Professor of Orthopaedic Surgery (primary appointment)
BA University of North Carolina 1965
MD University of Tennessee 1969

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Professor of Orthopaedic Surgery (primary appointment)
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Assistant Professor of Orthopaedic Surgery (primary appointment)
Assistant Professor of Neurological Surgery
MD Cornell University 2013

J. Eric Gordon, MD

Professor of Orthopaedic Surgery (primary appointment)
MD University of CA Davis 1988
BS University of California 1983

Farshid Guilak, MPH, PHD, MS

Professor of Orthopaedic Surgery (primary appointment)
Professor of Biomedical Engineering
Professor of Developmental Biology
Professor of Mechanical Engineering and Materials Science
MPH Columbia University 1990
PHD Columbia University 1992
BS Rensselaer Poly Institute 1985
MS Rensselaer Poly Institute 1987

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BS Northwestern University 1982
MD Northwestern University Med 1986

H

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Associate Professor of Pediatrics
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Associate Professor of Orthopaedic Surgery (primary appointment)
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MD University of Texas Houston 2000
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J

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MD Duke University 2013

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K

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L

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BS Louisiana College 1994
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Assistant Professor of Orthopaedic Surgery (primary appointment)
MD Baylor College of Medicine 2012

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Professor of Orthopaedic Surgery (primary appointment)
Professor of Neurological Surgery
MD University of Minnesota 1991
BA Gustavus Adolphus College 1986

Paul Sherman Lux, MD

Associate Professor of Orthopaedic Surgery (primary appointment)
MD Tulane University 1983

M

Matthew J Matava, MD

Professor of Orthopaedic Surgery (primary appointment)
Professor of Physical Therapy
MD University of MO Kansas City 1987
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Audrey McAlinden, PHD

Associate Professor of Orthopaedic Surgery (primary appointment)
Associate Professor of Cell Biology and Physiology
PHD University of London 1998

Christopher M McAndrew, MD

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MD University of Tennessee 2004

Sarah Howe McBride, PHD, MS

Adjunct Instructor in Orthopaedic Surgery (primary appointment)
BS Clemson University 2004

PHD Case Western Reserve Univ 2011
MS Case Western Reserve Univ 2008

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Associate Professor of Orthopaedic Surgery (primary appointment)
BS Dartmouth College 1999
MD Loyola University Chicago 2003

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Professor of Orthopaedic Surgery (primary appointment)
BS St Johns University 1978
MD University of Minnesota 1982

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Associate Professor of Orthopaedic Surgery (primary appointment)
Associate Professor of Neurology
BS Texas A&M University 1991
MD University of Texas Galveston 1995

Laura L Meyers, MD

Associate Professor of Orthopaedic Surgery (primary appointment)
MD Vanderbilt University 1993
BS Washington Univ in St. Louis 1988

Anna Noel Miller, MD

Associate Professor of Orthopaedic Surgery (primary appointment)
MD Baylor University 2005
BA Rice University 2001

Gary Arthur Miller, MD

Associate Professor of Orthopaedic Surgery (primary appointment)
BA University of Chicago 1973
MD Jefferson Medical College 1977

Mark L. Miller, MD, BE

Assistant Professor of Orthopaedic Surgery (primary appointment)
MD Harvard University 2008
BE Stanford University 2004

N

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Assistant Professor of Orthopaedic Surgery (primary appointment)
BS Truman State University 2003
MD Washington Univ in St. Louis 2007

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Associate Professor of Orthopaedic Surgery (primary appointment)
BA Vanderbilt University 1998
MD University of North Carolina 2002

O

Regis James O'Keefe, MD, PHD

Fred C Reynolds Professor of Orthopaedic Surgery (primary appointment)
Head of the Department of Orthopaedic Surgery
BA Yale University 1981
MD Harvard University 1985
PHD University of Rochester 2000

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Assistant Professor of Orthopaedic Surgery (primary appointment)
Assistant Professor of Neurology
MD University of MO Columbia 2012

P

Julia Partin, DPM

Instructor in Orthopaedic Surgery (primary appointment)
DPM Kent St University 2001
BS University of MO St Louis 1997

Cecilia Pascual Garrido, MD

Assistant Professor of Orthopaedic Surgery (primary appointment)
MD Universidad del Buenos Aires 2000

Terrence L Piper, MD

Assistant Professor of Clinical Orthopaedic Surgery (primary appointment)
MD Saint Louis University 1975
BA Saint Louis University 1971

R

Muhammad Farooq Rai, PHD

Assistant Professor of Orthopaedic Surgery (primary appointment)
PHD Freie University 2008

Elizabeth Yanik Rowlands, PHD, SCM

Assistant Professor of Orthopaedic Surgery (primary appointment)
PHD University of North Carolina 2013
SCM Johns Hopkins University 2009
BS University of Maryland 2007

S

Perry Lee Schoenecker, MD

Professor of Orthopaedic Surgery (primary appointment)
BS Univ of Wisconsin Madison 1964
MD Univ of Wisconsin Madison 1968

Girdhar G Sharma, BS1, MS1, PHD1

Instructor in Orthopaedic Surgery (primary appointment)
BS1 Banaras Hindu University 1990
MS1 Banaras Hindu University 1992
PHD1 Banaras Hindu University 2000

Hua Shen, PHD, MD, MS

Assistant Professor of Orthopaedic Surgery (primary appointment)

PHD University of Konstanz 2002

MD Capital U of Medical Sciences 1991

MS Chinese Academy of Med Science 1996

Jie Shen, MS, PHD

Assistant Professor of Orthopaedic Surgery (primary appointment)

MS University of Rochester 2011

PHD University of Rochester 2012

BS Nanjing University 2005

Matthew J Silva, PHD, ME

Julia and Walter R Peterson Professor of Orthopaedic Research (primary appointment)

Assistant Professor of Biomedical Engineering

Professor of Mechanical Engineering and Materials Science

PHD Mass Inst of Technology (MIT) 1996

ME Cornell University 1984

BS Cornell University 1982

Scott A. Simpson, MD

Assistant Professor of Orthopaedic Surgery (primary appointment)

Assistant Professor of Neurology

BA Columbia University 2005

MD University of Rochester 2010

Matthew Vernon Smith, MD

Associate Professor of Orthopaedic Surgery (primary appointment)

MD Virginia Comm University 2002

Gaurav Swarnkar, PHD

Instructor in Orthopaedic Surgery (primary appointment)

PHD CENTRAL DRUG RESEARCH INSTITUT 2011

T

Chi-Tsai Tang, MD

Associate Professor of Orthopaedic Surgery (primary appointment)

Associate Professor of Neurology

MD University of North Carolina 2004

Simon Tang, PHD, MS

Associate Professor of Orthopaedic Surgery (primary appointment)

Associate Professor of Mechanical Engineering and Materials Science

BS University of CA Berkeley 2003

PHD Rensselaer Poly Institute 2007

MS Rensselaer Poly Institute 2005

Lauren MacCormick Tatman, MD

Assistant Professor of Orthopaedic Surgery (primary appointment)

MD Ohio State University 2014

Susan Thapa, PHD

Instructor in Orthopaedic Surgery (primary appointment)

Instructor in Surgery (Public Health Sciences)

BS Dhaka University 2009

PHD University of AR Med Sciences 2018

W

Lindley Bevelle Wall, MD

Associate Professor of Orthopaedic Surgery (primary appointment)

BS Duke University 2002

MD Washington Univ in St. Louis 2006

Y

Ken Yamaguchi, MD, MS

Professor of Orthopaedic Surgery (primary appointment)

MD George Washington University 1989

BA University of California 1983

MS University of California 1985

Z

Benjamin Matthew Zmistowski, MD

Assistant Professor of Orthopaedic Surgery (primary appointment)

MD Jefferson Medical College 2014

Research Electives

Orthopaedic Surgery Research Electives

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

Various orthopaedic surgery research opportunities are available with the following faculty attendings. If interested, please contact the Education Office at 314-747-2543, email the orthopaedic surgery department (orthosurg@wudosis.wustl.edu), or contact the faculty member directly.

- Yousef Abu-Amer, PhD
- Alexander Aleem, MD
- Robert L. Barrack, MD
- Robert Brophy, MD
- Jacob M. Buchowski, MD, MS
- Ryan Calfee, MD
- Aaron Chamberlain, MD
- Cara A. Cipriano, MD
- John Clohisy, MD
- Matthew Dobbs, MD
- Charles A. Goldfarb, MD
- Farshid Guilak, PhD

- Munish Gupta, MD
- Pooya Hosseinzadeh, MD
- Deeptee Jain, MD
- Michael Kelly, MD
- Sandra Klein, MD
- Charles Lawrie, MD
- Scott J. Luhmann, MD
- Matthew J. Matava, MD
- Audrey McAlinden, PhD
- Chris McAndrew, MD
- Mark Miller, MD
- Jeff Nepple, MD
- Regis O'Keefe, MD
- Nathan Olafsen, MD
- Linda Sandell, PhD
- Perry Schoenecker, MD
- Matt Silva, PhD
- Matthew Smith, MD
- Lindley B. Wall, MD

Courses

Visit online course listings to view offerings for M96 Ortho (<https://courses.wustl.edu/CourseInfo.aspx?sch=M&dept=M96>).

M96 Ortho 801A Orthopedic Surgery Subinternship: Sports
This clinical elective is available for four weeks during which the student participates in orthopedic conferences, outpatient clinics, surgical cases, and patient rounds on the Sports Medicine service.

M96 Ortho 801B Orthopedic Surgery Subinternship: Sports
This clinical elective is available for four weeks during which the student participates in orthopedic conferences, outpatient clinics, surgical cases, and patient rounds on the Sports Medicine service.

M96 Ortho 801C Orthopedic Surgery Subinternship: Sports
This clinical elective is available for four weeks during which the student participates in orthopedic conferences, outpatient clinics, surgical cases, and patient rounds on the Sports Medicine service.

M96 Ortho 810A Orthopedic Surgery Subinternship: Foot/Ankle
This four-week clinical elective is available to medical students looking to further their knowledge/experience in orthopedics, specifically foot and ankle surgery. Students will participate in surgical cases, outpatient clinics, inpatient care and weekly didactic sessions/conferences. At the completion of the elective, students should have gained a basic knowledge of foot and ankle problems as well as their operative and nonoperative care.

M96 Ortho 820A Orthopedic Surgery Subinternship: Hand
Clinical elective available, during which time the student will work with attending surgeons primarily at Chesterfield and Center for Advanced Medicine. The service includes care of adult patients with traumatic, sports (arthroscopy), nerve, and degenerative disease. Activities will include participation in outpatient procedures, attendance at faculty clinic office hours, and attendance at orthopedic conferences.

M96 Ortho 820B Orthopedic Surgery Subinternship: Hand
This is a clinical elective during which the student will work with the attending surgeon primarily at Barnes-Jewish Hospital. Activities will include participation in the care of hospitalized inpatients, participation in inpatient and outpatient procedures, attendance at designated attending office hours, attendance at designated orthopedic conferences, and dissection of upper-extremity anatomical specimens.

M96 Ortho 823A Orthopedic Surgery Subinternship: Hand/Pediatric Hand
Clinical elective available during which time the student will work with attending surgeons primarily at Barnes-Jewish Hospital, St. Louis Children's Hospital, and Shriner's Hospital. The service includes care of adult and pediatric patients with congenital, traumatic, sports (arthroscopy), nerve, and degenerative disease. Activities will include participation in outpatient procedures, attendance at faculty clinic office hours, attendance at orthopedic conferences, and dissection of upper-extremity anatomical specimens.

M96 Ortho 823B Orthopedic Surgery Subinternship: Hand/Pediatric Hand
Clinical elective available during which time the student will work with attending surgeons primarily at St. Louis Children's Hospital, Shriner's Hospital, Chesterfield, Center for Advanced Medicine and St. Louis Children's Specialty Care Center. The service includes care of adult and pediatric patients with congenital, traumatic, sports (arthroscopy), nerve, and degenerative disease. Activities will include participation in outpatient procedures, attendance at faculty clinic office hours, attendance at orthopedic conferences, and dissection of upper-extremity anatomical specimens.

M96 Ortho 825A Orthopedic Surgery Subinternship: Hand/Nerve
Clinical elective available during which time the student will work with attending surgeons primarily at Barnes-Jewish Hospital, St. Louis Children's Hospital, Washington University Orthopedics at Center for Advanced Medicine and South County. The service includes care of adult and pediatric patients with traumatic, sports (arthroscopy), nerve, and degenerative disease. The rotation will cover general hand surgery as well as brachial plexus and peripheral nerve surgery. Activities will include participation in outpatient procedures, attendance at faculty clinic office hours, and attendance at orthopedic conferences.

M96 Ortho 827A Orthopedic Surgery Subinternship: Hand/Microsurgery
Clinical elective available during which time the student will work with attending surgeons primarily at Barnes-Jewish Hospital, Center for Advanced Medicine and the Chesterfield office. The service includes care of adult and pediatric patients

with traumatic, sports (arthroscopy), nerve, and degenerative disease. Activities will include participation in outpatient procedures, attendance at faculty clinic office hours, and attendance at orthopedic conferences.

M96 Ortho 830A Orthopedic Surgery Subinternship: Shoulder/Elbow

Clinical elective available during which time the student will work with attending surgeons primarily at Barnes-Jewish Hospital. Activities will include participation in the care of hospitalized inpatients, participation in inpatient and outpatient procedures, attendance at designated attending office hours, attendance at designated orthopedic conferences, and dissection of upper-extremity anatomical specimens.

M96 Ortho 840A Orthopedic Surgery Subinternship: Trauma

Clinical elective available for a four-week period during which time the student will work in orthopedic trauma at Barnes-Jewish Hospital. The student will work with a team of attendings, residents, PAs, and NPs to provide care for orthopedic trauma patients. Activities include participation in the care of hospitalized inpatients, inpatient surgical procedures, outpatient office visits and daily conferences.

M96 Ortho 840B Orthopedic Surgery Subinternship: Trauma

Clinical elective available for a four-week period during which time the student will work in orthopedic trauma at Barnes-Jewish Hospital. The student will work with a team of attendings, residents, PAs, and NPs to provide care for orthopedic trauma patients. Activities include participation in the care of hospitalized inpatients, inpatient surgical procedures, outpatient office visits and daily conferences.

M96 Ortho 840C Orthopedic Surgery Subinternship: Trauma

This is a clinical elective available for a four-week period during which time the student will work in orthopedics trauma at Barnes-Jewish Hospital. The student will work with a team of attending, residents, PAs, and NPs to provide care for orthopedic trauma patients. Activities include participation in the care of hospitalized inpatients, inpatient surgical procedures, outpatient office visits, and daily conferences.

M96 Ortho 850A Orthopedic Surgery Subinternship: Pediatrics

Clinical elective available for four weeks during which time the student will work with the attending surgeon primarily at St. Louis Children's Hospital observing and assisting in outpatient and inpatient care. To be included are activities in the OR, ER, and outpatient clinics. Attendance at and participation in the weekly pediatric orthopedic conference activities required.

M96 Ortho 850B Orthopedic Surgery Subinternship: Pediatrics

Clinical elective available for four weeks during which time the student will work with the attending surgeon primarily at St. Louis Children's Hospital observing and assisting in outpatient and inpatient care. To be included are activities in the OR, ER, and outpatient clinics. Attendance at and participation in the weekly pediatric orthopedic conference activities required.

M96 Ortho 860A Orthopedic Surgery Subinternship: Spine

This clinical elective is available for four weeks during which time the student will work with the attending surgeon primarily at Barnes-Jewish Hospital observing and assisting, when appropriate, in outpatient and inpatient care. To be included are activities in the OR, ER, and outpatient clinics. Attendance at and participation in the weekly orthopedic conference activities is required. The spine fellow assigned to this service will serve as a primary contributor to the student's education experience on this rotation.

M96 Ortho 860B Orthopedic Surgery Subinternship: Spine

This clinical elective is available for four weeks during which time the student will work with the attending surgeon primarily at Barnes-Jewish Hospital observing and assisting, when appropriate, in outpatient and inpatient care. To be included are activities in the OR, ER, and outpatient clinics. Attendance at and participation in the weekly orthopedic conference activities is required. The spine fellow assigned to this service will serve as a primary contributor to the student's education experience on this rotation.

M96 Ortho 860C Orthopedic Surgery Subinternship: Spine

This clinical elective is available for four weeks during which time the student will work with the attending surgeon primarily at Barnes-Jewish Hospital, Barnes-Jewish West County Hospital, and Washington University Orthopedics - Center for Advanced Medicine observing and assisting, when appropriate in outpatient and inpatient care. To be included are activities in the OR, ED, and outpatient clinics. Attendance at and participation in the weekly orthopedic conference activities is required. The spine fellow assigned to this service will serve as a primary contributor to the student's education experience on this rotation.

M96 Ortho 863A Orthopedic Surgery Subinternship: Pediatric Spine

Clinical elective available for four weeks during which time the student will work with the attending surgeon primarily at St. Louis Children's Hospital observing and assisting in outpatient and inpatient care. To be included are activities in the OR, ER, and outpatient clinics. Attendance at and participation in the weekly pediatric orthopedic conference activities required.

M96 Ortho 863B Orthopedic Surgery Subinternship: Pediatric Spine

Clinical elective available for four weeks during which time the student will work with the attending surgeon primarily at St. Louis Children's Hospital observing and assisting in outpatient and inpatient care. To be included are activities in the OR, ER, and outpatient clinics. Attendance at and participation in the weekly pediatric orthopedic conference activities required.

M96 Ortho 870A Orthopedic Surgery Subinternship: Joint Preservation & Reconstruction

Clinical elective available, during which time the student will work with the attending physician on the Adult Reconstruction and Joint Preservation/Replacement service. This rotation is primarily centered at Barnes-Jewish Hospital and includes care of hospitalized inpatients, participant in inpatient and outpatient procedures, attendance at designated office hours, and attendance at and participation in orthopedic educational conferences and anatomy sessions.

M96 Ortho 870B Orthopedic Surgery Subinternship: Joint Preservation & Reconstruction

Clinical elective available, during which time the student will work with the attending physician on the Adult Reconstruction and Joint Preservation/Replacement service. This rotation is primarily centered at Barnes-Jewish Hospital and includes care of young patients with hip impingement pathology and older patients with end stage joint arthritis, hospitalized inpatients, participant in inpatient and outpatient procedures, attendance at designated office hours, and attendance at and participation in orthopedic educational conferences and anatomy sessions.

M96 Ortho 870C Orthopedic Surgery Subinternship: Joint Preservation & Reconstruction

Clinical elective available, during which time the student will work with the attending physician on the Adult Reconstruction and Joint Preservation/Replacement service. This rotation is primarily centered at Barnes-Jewish Hospital and includes care of young patients with hip impingement pathology and older patients with end stage joint arthritis, hospitalized inpatients, participant in inpatient and outpatient procedures, attendance at designated office hours, and attendance at and participation in orthopedic educational conferences and anatomy sessions.

M96 Ortho 875A Orthopedic Surgery Subinternship: Joint Reconstruction

Clinical elective available, during which time the student will work with the attending physician on the Adult Reconstruction and Joint Preservation/Replacement service. This rotation is primarily centered at Barnes-Jewish Hospital and includes care of hospitalized inpatients, participant in inpatient and outpatient procedures, attendance at designated office hours, and attendance at and participation in orthopedic educational conferences and anatomy sessions.

M96 Ortho 880A Orthopedic Surgery Subinternship: Oncology/Joint Reconstruction

Clinical elective available for four weeks, during which time the student will work with the attending physicians on the Musculoskeletal Oncology service. The student will participate in orthopedic conferences, outpatient clinics, surgical cases and patient rounds.

M96 Ortho 880B Orthopedic Surgery Subinternship: Oncology/Joint Reconstruction

Clinical elective available for four weeks, during which time the student will work with the attending physicians on the Musculoskeletal Oncology service. The student will participate in orthopedic conferences, outpatient clinics, surgical cases and patient rounds.

M96 Ortho 890 Orthopedic Surgery Externship

Students rotate on orthopedic services in four-week blocks. During their rotations, students are assigned to two different services for two weeks each. Students may rotate on a variety of subspecialties, including trauma sports medicine, hand and upper extremity, foot and ankle, musculoskeletal oncology, adult reconstructive surgery, pediatric orthopaedics, shoulder and elbow, and spine. For more information about the Orthopedic Surgery Externship Program, visit <https://www.ortho.wustl.edu/content/Education/2905/Training-Programs/Med-Student-Programs/Externship-Program/Overview.aspx>.

M96 Ortho 899 Special Study Elective: Orthopedic Surgery

M96 Ortho 899C Clinical Special Study Elective: Ortho

M96 Ortho 900 Research Elective: Orthopedic Surgery

Research opportunities may be available. Contact the Department of Orthopedic Surgery for additional information.
