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; this rotation includes experiences ranging from the care of patients in the emergency department, operating room, and clinical practice in the outpatient and inpatient ward.

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

Degrees & Requirements

While the Department of Orthopaedic Surgery does not offer its own degree, some of the department’s courses are open to students in the MD and MSTP (MD/PhD) programs. Further information about the MD and MSTP degrees can be found in the Degrees & Programs Offered (http://bulletin.wustl.edu/medicine/degrees) section of this Bulletin.

Research

M95 Surgery 900

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

Yousef Abu-Amer, PhD
Robert L. Barrack, MD
Robert Brophy, MD
Jacob M. Buchowski, MD, MS
Ryan Calfee, MD
Aaron Chamberlain, MD
John Clohisy, MD
Matthew Dobbs, MD
Richard H. Gelberman, MD
Charles A. Goldfarb, MD
Eric Gordon, MD
Munish Gupta, MD
Michael Kelly, MD
Sandra Klein, MD
Scott J. Luhmann, MD
Matthew J. Matava, MD
Chris McAndrew, MD
Mark Miller, MD
Jeff Nepple, MD
Regis O’Keefe, MD
Daniel Osei, MD
Linda Sandell, PhD
Perry Schoenecker, MD
Matt Silva, PhD
Matthew Smith, MD
Lindley B. Wall, MD
Rick Wright, MD

Faculty

Department Chair
Regis O’Keefe, MD, PhD

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

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

Muhibat 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)
BS Johns Hopkins University 2006
MD Washington Univ in St. Louis 2010

B

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

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

Ljiljana Bogunovic, MD
Assistant Professor of Orthopaedic Surgery (primary appointment)
MD Cornell University 2009

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
BA Washington Univ in St. Louis 1973
MD Washington Univ in St. Louis 1977

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

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

Jacob M Buchowski, MS, MD
Professor of Orthopaedic Surgery (primary appointment)
Professor of Neurological Surgery
MS Yale University 1996
BS Yale University 1996
MD Johns Hopkins University 2000

Ryan Patrick Calfee, MD
Associate Professor of Orthopaedic Surgery (primary appointment)
MD Washington Univ in St. Louis 2001
BS University of Virginia 1997

Aaron Mark Chamberlain, B MUS, MD
Assistant Professor of Orthopaedic Surgery (primary appointment)
B MUS University of Utah 2002
MD University of CA San Francisco 2006

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BS Williams College 2003
MD University of Pennsylvania 2007

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

Berdale S. Colorado, DOST, MS
Assistant Professor of Orthopaedic Surgery (primary appointment)
Assistant Professor of Neurology
DOST Des Moines University 2009
BS University of Iowa 2004
MS Des Moines University 2009

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DOST Phil Coll of Osteopathic Med 2009

Matthew Barrett Dobbs, MD
Dr Asa C and Mrs Dorothy W Jones Professorship in Orthopaedic Surgery (primary appointment)
BS University of Notre Dame 1991
MD University of Iowa 1995

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Instructor in Clinical Orthopaedic Surgery (primary appointment)

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

Kelly Eileen Estes, MPH, MS, MD
Assistant Professor of Orthopaedic Surgery (primary appointment)
Assistant Professor of Emergency Medicine in Medicine
MPH Wright State University 2012
BS Kalamazoo College 2005
MS Columbia University 2016
MD Wright State University 2012

Lawrence Glennon Evans Jr
Instructor in Orthopaedic Surgery (primary appointment)

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

Richard H Gelberman, MD
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)
MD University of Alabama 1996
BA Williams College 1992

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Professor of Orthopaedic Surgery (primary appointment)  
BS University of California 1983  
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Professor of Biomedical Engineering  
Professor of Development Biology  
PHD Columbia University 1992  
MS Rensselaer Poly Institute 1987  
MPH Columbia University 1990  
BS Rensselaer Poly Institute 1985

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Mildred B. Simon Distinguished Professor of Orthopaedic Surgery (primary appointment)  
MD Northwestern University Med 1986  
BS Northwestern University 1982

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Associate Professor of Orthopaedic Surgery (primary appointment)  
Associate Professor of Pediatrics  
BS Univ of Wisconsin Madison 1994  
MD Univ of Wisconsin Madison 1998

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Instructor in Clinical Orthopaedic Surgery (primary appointment)  
MD Ohio University 2003  
BS Truman State University 1998

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MD Isfahan U of Medical Sciences 2004

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Associate Professor of Orthopaedic Surgery (primary appointment)  
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BS University of Texas Austin 1995  
MD University of Texas Houston 2000

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MD Georgetown University 1980  
BA Duke University 1976

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Associate Professor of Orthopaedic Surgery (primary appointment)  
MD West Virginia University 1998  
BS West Virginia University 1991

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Assistant Professor of Orthopaedic Surgery (primary appointment)  
MD Columbia University 2009  
BA Williams College 2002

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Assistant Professor of Orthopaedic Surgery (primary appointment)  
Assistant Professor of Neurological Surgery  
BS Boston College 1999  
MD University of Massachusetts 2005

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MD Washington Univ in St. Louis 2001

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Associate Professor of Neurology  
BS Louisiana College 1994  
MD Loyola University Chicago 1998

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Instructor in Clinical Orthopaedic Surgery (primary appointment)  
MD University of Illinois 1972  
BA University of Michigan 1968

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Professor of Orthopaedic Surgery (primary appointment)  
Professor of Developmental Biology  
Professor of Medicine  
PHD Tufts University 1997  
MA University of CA Santa Barbara 1992  
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MD University of Minnesota 1991  
BA Gustavus Adolphus College 1986

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MD Tulane University 1983
M

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MD Case Western Reserve Univ 1981

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Professor of Physical Therapy
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Associate Professor of Cell Biology and Physiology
PHD University of London 1998

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MD University of Tennessee 2004

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BS Clemson University 2004
PHD Case Western Reserve Univ 2011
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BS Dartmouth College 1999
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Douglas J. McDonald, MD
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MD University of Minnesota 1982
BS St Johns University 1978

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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

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MD Harvard University 2008
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N

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PHD University of Rochester 2000
MD Harvard University 1985
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Assistant Professor of Orthopaedic Surgery (primary appointment)
Assistant Professor of Neurology
MD University of MO Columbia 2012

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MD Universidad del Buenos Aires 2000

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BS University of Bombay 1985
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Professor of Neurology
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R

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BS University of Maryland 2007
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S

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Professor of Cell Biology and Physiology
BA University of Denver 1969
PHD Northwestern University 1980
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MD Univ of Wisconsin Madison 1968
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MD Capital U of Medical Sciences 1991
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MS University of Rochester 2011
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PHD Mass Inst of Technology (MIT) 1996
BS Cornell University 1982

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BA Columbia University 2005
MD University of Rochester 2010

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MD Virginia Comm University 2002

James W Strickland, MD
Visiting Professor of Orthopaedic Surgery (primary appointment)
MD Indiana University 1962
BS Indiana University Bloomington 1958

T

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Assistant Professor of Orthopaedic Surgery (primary appointment)
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BS University of CA Berkeley 2003
PHD Rensselaer Poly Institute 2007
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V

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MD Medical College of Ohio 1978

W

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BS Duke University 2002

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MD Ross Univ School of Medicine 2013

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Y

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Z

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BS Northwestern University 1998
MD University of Chicago 2004

Courses

For course information, please visit the Surgery page (http://bulletin.wustl.edu/medicine/departments/surgery/#courses) of this Bulletin.