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

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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

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

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

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

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

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

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

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

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MD University of Pennsylvania 2007
BS Williams College 2003

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

Berdaie 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)
MD University of Iowa 1995
BS University of Notre Dame 1991

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

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

Charles A Goldfarb, MD
Professor of Orthopaedic Surgery (Primary appointment)
MD University of Alabama 1996
BA Williams College 1992

J. Eric Gordon, MD
Professor of Orthopaedic Surgery (primary appointment)
BS University of California 1983
MD University of CA Davis 1988

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

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MD Northwestern University Med 1986
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Associate Professor of Orthopaedic Surgery (primary appointment)
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MD Univ of Wisconsin Madison 1998
BS Univ of Wisconsin Madison 1994

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

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MD Isfahan U of Medical Sciences 2004

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BS University of Texas Austin 1995
MD University of Texas Houston 2000

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Professor of Orthopaedic Surgery (primary appointment)
MD Georgetown University 1980
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BS West Virginia University 1991
MD West Virginia University 1998

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Assistant Professor of Neurological Surgery
BS Boston College 1999
MD University of Massachusetts 2005

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BA Williams College 2002
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BE University of Missouri 1994
MD Washington Univ in St. Louis 2001

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BS Louisiana College 1994

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Professor of Developmental Biology
Professor of Medicine
MA University of CA Santa Barbara 1992
PHD Tufts University 1997
BS Beijing University 1988

Scott J Luhmann, MD
Professor of Orthopaedic Surgery (primary appointment)
BA Gustavus Adolphus College 1986
MD University of Minnesota 1991

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

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MD Case Western Reserve Univ 1981

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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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PHD Case Western Reserve Univ 2011
BS Clemson University 2004
MS Case Western Reserve Univ 2008

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MD Loyola University Chicago 2003
BS Dartmouth College 1999

Douglas J. McDonald, MD
Professor of Orthopaedic Surgery (primary appointment)
MD University of Minnesota 1982
BS St Johns University 1978

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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

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

Mark L. Miller, BE, MD
Assistant Professor of Orthopaedic Surgery (primary appointment)
BE Stanford University 2004
MD Harvard University 2008

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

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

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Fred C Reynolds Professor of Orthopaedic Surgery (primary appointment)
Head of the Department of Orthopaedic Surgery
PHD University of Rochester 2000
MD Harvard University 1985
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MD Universidad del Buenos Aires 2000

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Assistant Professor of Clinical Orthopaedic Surgery (primary appointment)
BA Saint Louis University 1971
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Professor of Neurology
DOST Univ of Health Sciences KC 1991
BA Drury College 1987

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PHD Freie University 2008
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BS University of Maryland 2007
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MS University of Denver 1971
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MD Univ of Wisconsin Madison 1968
BS Univ of Wisconsin Madison 1964

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MD Capital U of Medical Sciences 1991
MS Chinese Academy of Med Science 1996
PHD University of Konstanz 2002

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PHD University of Rochester 2012
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Julia and Walter R Peterson Professor of Orthopaedic Research (primary appointment)
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BS Cornell University 1982
PHD Mass Inst of Technology (MIT) 1996
ME Cornell University 1984

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MS Rensselaer Poly Institute 2005
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MD Washington Univ in St. Louis 2006
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MD George Washington University 1989

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Assistant Professor of Neurological Surgery
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.