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

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

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)
BA Washington Univ in St. Louis 1971
MD Washington Univ in St. Louis 1975

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

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

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

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

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

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

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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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

Berdaie 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

Laura C DePalma, DOST
Assistant Professor of Orthopaedic Surgery (Pending Executive Faculty Approval) (primary appointment)
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)

Christopher J. Dy, MD, MPH
Assistant Professor of Orthopaedic Surgery (primary appointment)
MD University of Miami 2008
BS University of Miami 2004
MPH University of Miami 2008

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

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)
MD University of Tennessee 1969
BA University of North Carolina 1965
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Professor of Orthopaedic Surgery (primary appointment)
BS University of California 1983
MD University of CA Davis 1988

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Professor of Biomedical Engineering
Professor of Development Biology
MPH Columbia University 1990
BS Rensselaer Poly Institute 1985
PHD Columbia University 1992
MS Rensselaer Poly Institute 1987

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MD Northwestern University Med 1986
BS Northwestern University 1982

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Associate Professor of Pediatrics
MD Univ of Wisconsin Madison 1998
BS Univ of Wisconsin Madison 1994

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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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BS University of Texas Austin 1995

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Professor of Orthopaedic Surgery (primary appointment)
BA Duke University 1976
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 Orthopaedic Surgery (primary appointment)
MD Columbia University 2009
BA Williams College 2002

Michael Patrick Kelly, MD
Assistant Professor of Orthopaedic Surgery (primary appointment)
Assistant Professor of Neurological Surgery
BS Boston College 1999
MD University of Massachussetts 2005

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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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BA University of Michigan 1968
MD University of Illinois 1972

Fanxin Long, PHD, MA
Professor of Orthopaedic Surgery (primary appointment)
Professor of Developmental Biology
Professor of Medicine
PHD Tufts University 1997
MA University of CA Santa Barbara 1992
BS Beijing University 1988

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

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

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MD Case Western Reserve Univ 1981

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Associate Professor of Orthopaedic Surgery (primary appointment)
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
MS Case Western Reserve Univ 2008

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BS Dartmouth College 1999
MD Loyola University Chicago 2003

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

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MD University of Texas Galveston 1995
BS Texas A&M University 1991

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

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

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MD Harvard University 2008
BE Stanford University 2004

N

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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

Regis James O'Keefe, PHD, MD
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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O

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

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MS University of Bombay 2005
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MD Saint Louis University 1975
BA Saint Louis University 1971

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Professor of Neurology
DOST Univ of Health Sciences KC 1991
R

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PHD Freie University 2008

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BS University of Maryland 2007
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S

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Professor of Cell Biology and Physiology
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MS University of Denver 1971
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BS Univ of Wisconsin Madison 1964

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MD Capital U of Medical Sciences 1991
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MS Chinese Academy of Med Science 1996

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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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PHD Mass Inst of Technology (MIT) 1996
BS Cornell University 1982
ME Cornell University 1984

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T

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W

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BS Duke University 2002
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Y

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MD George Washington University 1989

Z

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Assistant Professor of Orthopaedic Surgery (primary appointment)
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.