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  

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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  

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

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  

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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)  
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)  
BA Northwestern University 1985  
MD Northwestern University 1989  

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

Laura C DePalma, DOST  
Assistant Professor of Orthopaedic Surgery ( Pending Executive Faculty Approval ) ( primary appointment)  
DOST Phil Coll of Osteopathic Med 2009  

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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, M PH, MD  
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  
MS Columbia University 2016  
MD Wright State University 2012  
BS Kalamazoo College 2005  
MPH Wright State University 2012  

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

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

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BA University of North Carolina 1965  
MD University of Tennessee 1969  

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Professor of Orthopaedic Surgery ( primary appointment)  
BA Williams College 1992
MD University of Alabama 1996

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

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Professor of Biomedical Engineering
Professor of Development Biology
PHD Columbia University 1992
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BS Rensselaer Poly Institute 1985
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MD Northwestern University Med 1986
BS Northwestern University 1982

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MD Ohio University 2003
BS Truman State University 1998

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MD Isfahan U of Medical Sciences 2004

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MD University of Texas Houston 2000
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
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BA University of Michigan 1968
MD University of Illinois 1972

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BS Beijing University 1988

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MD University of Minnesota 1991
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MD Tulane University 1983
M

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Professor of Physical Therapy  
BA University of MO Kansas City 1986  
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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

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MD University of Tennessee 2004

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PHD Case Western Reserve Univ 2011  
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BS Dartmouth College 1999  
MD Loyola University Chicago 2003

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MD University of Minnesota 1982  
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BS Texas A&M University 1991  
MD University of Texas Galveston 1995

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

Gary Arthur Miller, MD  
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MD Jefferson Medical College 1977  
BA University of Chicago 1973

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BE Stanford University 2004  
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N

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BA Vanderbilt University 1998  
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O

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Head of the Department of Orthopaedic Surgery  
BA Yale University 1981  
PHD University of Rochester 2000  
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MD University of MO Columbia 2012

P

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MD Universidad del Buenos Aires 2000

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BS University of Bombay 1985  
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MD Saint Louis University 1975  
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BA Drury College 1987

**R**

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PHD Freie University 2008

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**S**

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

**T**

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MS Rensselaer Poly Institute 2005
PHD Rensselaer Poly Institute 2007

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**W**

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**Y**

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BA University of California 1983
MD George Washington University 1989
MS University of California 1985

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.