

Previous Distinguished
Visiting Professors

Dennis Wenger, M.D.	1993
University of California—San Diego	
Peter D. Pizzutillo, M.D.	1994
Thomas Jefferson University	
Russell F. Warren, M.D.	1995
Hospital for Special Surgery	
Jesse B. Jupiter M.D.	1996
Harvard/Massachusetts General Hospital	
Ronald L. DeWald, M.D.	1997
Rush-Presbyterian-St. Luke's Medical Center	
Roger A. Mann, M.D.	1998
University of California School of Medicine	
Peter Herberts, M.D., Ph.D.	1999
Goteborg University—Goteborg, Sweden	
Joseph M. Lane, M.D.	2000
Weill Medical College of Cornell University	
Paul R. Meyer, Jr., M.D.	2001
Northwestern University	
Frederick A. Matsen, III M.D.	2002
University of Washington	
Arthur L. Boland M.D.	2003
Harvard/Massachusetts General Hospital	
Marc F. Swiontkowski, M.D.	2004
University of Minnesota	
James N. Weinstein, M.D.	2005
Dartmouth Hitchcock Medical Center	
John J. Callaghan M.D.	2006
University of Iowa	
Michael J. Goldberg M.D.	2007
University of Washington	
Frank R. Noyes, M.D.	2008
Cincinnati Sports Medicine & Orthopedic Ctr.	
Frank J. Frassica, M.D.	2009
Johns Hopkins Medical Center	
Dror Paley M.D., FRCSC	2010
Paley Advanced Limb Lengthening Institute	
Scott H. Kozin M.D.	2011
Shriners Hospital for Children—Philadelphia	
Judith F. Baumhauer, M.D.	2012
University of Rochester	
J. Lawrence Marsh, M.D.	2013
University of Iowa	
Frank J. Eismont M.D.	2014
University of Miami	
Robert A. Arciero, M.D.	2015
University of Connecticut	
R. Lor Randall, M.D.	2016
University of Utah	

CLASS OF 2017 RUSH
ORTHOPEDIC SURGERY
RESIDENCY PROGRAM



Gregory L. Cvetanovich, M.D.
Sports Medicine Fellowship
Rush University Medical Center, Chicago, IL

Brandon J. Erickson, M.D.
Sports Medicine Fellowship
Hospital for Special Surgery, New York, NY

Yale A. Fillingham, M.D.
Adult Reconstruction Fellowship
The Rothman Institute, Philadelphia, PA

Nathan G. Wetters, M.D.
Sports Medicine Fellowship
OrthoCarolina, Charlotte, NC

CLASS OF 2017 ORTHOPEDIC SURGERY FELLOWS

Adult Reconstruction

Paul Maxwell Courtney, M.D.
Ismar Dizdarevic, M.D.
Nicholas Frisch, M.D., MBA
Matthew Knedel, M.D.
Christopher Melnic, M.D.
Duy L. Phan, M.D.
Michael R. Ruffolo, M.D.

Foot and Ankle

Emily Vafek, M.D.

Hand

Nicholas Newsum, M.D.

Sports Medicine

Rachel M. Frank, M.D.
Nicole A. Friel, M.D.
Drew A. Lansdown, M.D.
Andrew J. Riff, M.D.
Brian R. Waterman, M.D.

Shoulder and Elbow

David D. Savin, M.D.

Spine

Justin Paul, M.D.
Comron Saifi, M.D.
Arya Varthi, M.D.

Primary Care Sports Medicine

John T. Nickless, M.D.

**29th
Annual
Thesis Day**

*Friday
June 23, 2017
8:00 a.m.—4:30 p.m.*

**Searle Conference Center
Room 542 Brainard**

*The William A. Hark, M.D.
Visiting Professor*

JAVAD PARVIZI, M.D.

**James Edward Professor of
Orthopedic Surgery
Director and Vice-Chairman of
Research
Rothman Institute and
Thomas Jefferson University**

Scientific Program

8:00 a.m. WELCOME

Monica Kogan, M.D., Residency Program Director
Joshua J. Jacobs, M.D., Department Chairman

8:05 a.m. CASE PRESENTATIONS

Moderator: Craig J. DellaValle, MD

FELLOW PRESENTATIONS

Adult Reconstruction

Aaron G. Rosenberg, M.D., Moderator

9:05 A.M. CHRISTOPHER MELNIC, M.D.

"Radiographic Survivorship of Acetabular Distraction Technique for Treatment of Chronic Pelvic Discontinuity: Mean 4-year follow-up"

9:12 A.M. ISMAR DIZDAREVIC, M.D.

"Two-stage Exchange Arthroplasty for the Treatment of Native Knee and Hip Infections"

9:19 A.M. DUY PHAN, M.D.

"Radiographic and Clinical Outcomes for Total Hip Arthroplasty Patients with Previous Lumbar Spinal Fusion"

9:26 A.M. BREAK

9:40 A.M. Introduction of Visiting Professor: Dr. Craig DellaValle
The William A. Hark, M.D. Visiting Professor
Javad Parvizi, M.D.

"Venous Thromboembolism following Total Joint Arthroplasty: Money, Politics, or Patient Outcome"

10:10 A.M. BREAK

Sports Medicine

Shane J. Nho, M.D., Moderator

10:25 A.M. JOHN NICKLESS, M.D.

"Greater Trochanteric Pain Syndrome: Comparison of Eccentric Focused versus Traditional Physical Therapy Programs"

10:32 A.M. BRIAN R. WATERMAN, M.D.

"Effect of Symptom Duration on Outcomes Following Hip Arthroscopy"

10:39 A.M. ANDREW RIFF, M.D.

"Differences in Acetabular Rim Thickness Between the Symptomatic and Asymptomatic Hip in Patients with Unilateral Femoroacetabular Impingement"

10:46 A.M. NICOLE A. FRIEL, M.D.

"Is There a Correlation between Outcomes after Hip Arthroscopy and Patient Bone Mineral Density?"

Spine

Howard An, M.D., Moderator

10:53 A.M. JUSTIN PAUL, M.D.

"Sagittal Alignment Parameters Associated with Adjacent Segment Pathology after Anterior Cervical Discectomy and Fusion"

11:00 A.M. COMRON SAIFI, M.D.

"Restoration of Anatomic Thoracic Kyphosis in AIS Utilizing a Differential Rod Contouring Technique with Patient-Specific Rods"

11:07 A.M. ARYA VARTHI, M.D.

"Rigid vs Semi-Rigid Plating: An Assessment of Long Term Clinical and Radiographic Outcomes"

Foot and Ankle

Simon Lee, M.D., Moderator

11:14 A.M. EMILY VAFAEK, M.D.

"Quality of Modern Total Ankle Replacement Research"

END OF MORNING SESSION

1:00 p.m. INTRODUCTION

Joshua J. Jacobs, M.D., Department Chairman

CHIEF PRESENTATIONS

Monica Kogan, M.D., Moderator

Director, Orthopedic Surgery Residency Program

1:05 P.M. YALE FILLINGHAM, M.D.

"Tranexamic Acid in Total Joint Arthroplasty: Safe and Effective for all Patients?"

1:15 P.M. BRANDON ERICKSON, M.D.

"The Ulnar Collateral Ligament: What We Have Learned in 5 Years"

1:25 P.M. GREGORY CVETANOVICH, M.D.

"Tranexamic Acid Reduced Blood Loss Following Primary Shoulder Arthroplasty: A Double-Blind Placebo-Controlled Prospective Randomized Controlled Trial"

1:35 P.M. NATHAN WETTERS, M.D.

"In Vitro Analysis of BioCartilage Stability in the Knee: Effect of Fibrin Level, Defect Size and Defect Location"

1:45 P.M. BREAK

2:00 p.m. The William A. Hark, M.D. Visiting Professor
Javad Parvizi, M.D.

"Periprosthetic Joint Infection: Exciting Developments"

2:30 P.M. BREAK

FELLOW PRESENTATIONS

Hand

Mark S. Cohen, M.D., Moderator

2:45 P.M. NICHOLAS NEWSUM, M.D.

"Interrater Reliability of Radial Head Fractures: Radiographs vs CT and Treatment Implications"

Sports Medicine and Shoulder

Gregory Nicholson, M.D., Moderator

2:52 P.M. DAVID SAVIN, M.D.

"Good Outcomes Expected after Shoulder Arthroplasty Irrespective of Body Mass Index"

2:59 P.M. DREW LANSDOWN, M.D.

"Variability in Estimation of Anterior and Posterior Glenoid Bone Loss"

3:06 P.M. RACHEL M. FRANK, M.D.

"Management of Glenoid Bone Loss in Shoulder Instability"

Adult Reconstruction

Craig J. DellaValle, M.D., Moderator

3:13 P.M. MATTHEW KNEDEL, M.D.

"The results of Lateral Unicompartmental Knee Arthroplasty Using Broadened Indications: Midterm Results"

3:20 P.M. MICHAEL RUFFOLO, M.D.

"Treatment Outcomes of Irrigation, Debridement, and Polyethylene Exchange for Periprosthetic Knee Infections"

3:27 P.M. PAUL (MAX) COURTNEY, M.D.

"Can Bundled Payments Be Successful in the Medicaid Population for Primary Joint Arthroplasty?"

3:34 P.M. NICHOLAS FRISCH, M.D.

"Closed Reduction of a Dislocated Total Hip Arthroplasty: A Retrospective Analysis of Treatment in the Emergency Department versus the Operating Room"

3:41 p.m. CLOSING REMARKS AND AWARD PRESENTATION

The William A. Hark, M.D. Visiting Professor

Javad Parvizi, M.D.



Javad Parvizi, M.D., is the James Edward Professor of Orthopedic Surgery at the Rothman Institute and Thomas Jefferson University in Philadelphia. He is director and vice chairman of research. His clinical practice involves reconstruction of complex pelvis, hip, and knee conditions with special emphasis on joint preservation and periprosthetic joint infection. He has performed over 1000 joint preservation and 5000 joint arthroplasty procedures. He performs around 600 surgical procedures per year. He is a member of numerous National and International Societies and has served in leadership roles in a large number of national committees. He chaired the workgroup of the MSIS workshop that proposed the MSIS definition of PJI in 2010 that has been adapted by the Center for Disease Control as the definition of PJI. He was the president of Musculoskeletal Infection Society in 2013 and as part of his presidential initiative held the International Consensus Group (ICG) on Periprosthetic Joint Infection that brought together over 300 world experts on PJI from 52 countries and 130 different societies. He is the associate editor for the Journal of Arthroplasty, and a member of various editorial boards for orthopedic journals. He has received wide recognition for his clinical and basic science research including numerous awards from The Hip Society, The Knee Society, The American Association of Hip and Knee Surgeons, The MSIS, and numerous other organizations. He was given the best researcher of the year award in 2011 by the Arthritis Foundation. He has authored over 550 peer-reviewed manuscripts, 120 book chapters, and is the editor of 16 text books in orthopaedics.

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WILLIAM A. HARK, M.D., 1929-1981

Dr. William A. Hark attended the State University of Iowa for his Bachelor's degree and later received his Doctor of Medicine. After completing an internship at St. Luke's Hospital in Chicago, Dr. Hark spent two years in the United States Navy, completing his active service as Lieutenant Commander.

Dr. Hark was greatly interested in residents' education. He was a staunch supporter of the residency program at Rush-Presbyterian-St. Luke's Medical Center. His cautious and well developed opinions and strategies always were welcomed at orthopedic grand round meetings. His quiet, measured voice often carried the final words that brought sense to decisions made by the staff when faced with difficult clinical problems.

Dr. Hark had many accomplishments as a physician and as an orthopedic surgeon. But more important than that, he left a legacy to those of us who were enriched by knowing him: a lesson in humility and a standard of excellence. He left us with an understanding of the meaning of compassion in medicine that will serve as a model for us, his peers, for his former residents, and for the many future orthopedic surgeons who will train among us. In that sense, William Hark's accomplishments are second to none.

Each year an outstanding, a world renowned, Orthopedic Surgeon is chosen to be The William A. Hark, M.D. Distinguished Visiting Professor. This year Javad Parvizi, M.D. has the honor.