

May 2016

Curriculum Vitae
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Personal

Date of Birth: 7/17/70
Place of Birth: Chicago, IL
Citizenship: U. S.
Marital Status: Married

Employment

2007-present **Illinois Bone & Joint Institute**, Glenview, IL.
2401 Ravine Way, Suite 200, Glenview, IL 60025
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Education

1988 - 1992 **University of Iowa**, Iowa City, Iowa - B.S. Distinction
1993 - 1997 **Loyola University Chicago**, Stritch School of Medicine, Maywood, IL
M.D. Summa cum laude 1997

Postdoctoral Training

1997 - 2002 **University of Iowa**, Iowa City, IA
Resident Department of Orthopaedic Surgery
2002 – 2003 **Rush University**
Fellow, Adult Reconstruction
2004 **Northwestern University**, Kellogg School of Management
Series, AOA Leadership

Medical Licensure Illinois License 336-067224
Iowa License 35057

Faculty Appointments

2012-2015 Senior Clinician Educator, Pritzker School of Medicine
University of Chicago, Chicago, IL
2009 – 2011 Clinical Assistant Professor, Orthopaedic Surgery
Division of Biologic Sciences, Pritzker School of Medicine
University of Chicago, Chicago, IL

- 2007 – 2009 Clinical Assistant Professor, Department of Orthopaedic Surgery
Northwestern University, Chicago, IL
- 2003 – 2007 Assistant Professor, Department Of Orthopaedics & Rehabilitation
University of Iowa, Iowa City, IA

Hospital Appointments

- 2007 – Current Orthopaedic Surgeon – Northshore University HealthSystem, IL
- 2003 – 2007 Orthopaedic Surgeon – University of Iowa Hospitals & Clinics, Iowa City, IA
- 2003 – 2007 Orthopaedic Surgeon – Veteran Administration Hospital, Iowa City, IA

Service

- 1999 - 2002 Resident Interview Committee, University of Iowa
- 2000 – 2001 Coordinator, Orthopaedic Department Monthly Journal Club, University of Iowa
- 1997 – 2007 Orthopaedic Resident Education Committee, University of Iowa
- 2003 – 2005 Workforce Analysis Committee, University of Iowa
- 2004 – 2007 Orthopaedic Department of Finance Committee
- 2004 – 2007 Pain Management Section of the Pharmacy and Therapeutics Subcommittee
- 2005 – 2006 New Clinical Initiative Committee, UIHC
- 2006 – 2009 Evaluations Committee, American Academy of Orthopaedic Surgeons
- 2007 – Present Director, Total Joint Replacement Center
Northshore University Healthcare, IL
- 2009 – Present Director, Orthopaedic Surgery, Glenbrook Hospital
Northshore University Healthcare, IL
- 2011 – Present Board Member, Board of Directors, Illinois Bone and Joint Institute, LLC
- 2011 – Present Management committee member, Glenview division,
Illinois Bone and Joint Institute, LLC
- 2013 – Present Ombudsman, Glenview division, Illinois Bone and Joint Institute, LLC

Awards, Honors & Distinctions

- 1992 National Collegiate Physical Education & Health Award
United States Achievement Academy
- 1992 President's List, University of Iowa
- 1990/91/92 Dean's List, University of Iowa

1992	Honors in Exercise Science, University of Iowa
1992	Graduation with Distinction, University of Iowa
1997	Alpha Omega Alpha, Epsilon Chapter
1997	Faculty Award for Excellence in Clinical Sciences Loyola University Chicago, Stritch School of Medicine
1997	Summa cum laude, Loyola University Chicago, Stritch School of Medicine
2003	Best Fellow Research Project, Rush University
2005	John Insall Award, Knee Society

Professional Society Memberships

2002 – Present	American Academy of Orthopaedic Surgeons
2002 – 2007	Iowa Orthopaedic Association
2004 – Present	Mid-America Orthopaedic Association
2004 - 2008	Orthopaedic Research Society
2004 – Present	American Association of Hip and Knee Surgeons American Medical Association
1997 – Present	Alpha Omega Alpha Honors Society

Publications

Peer Reviewed Papers

O'Rourke MR, Shi X, Gisolfi C, and Schedl H: Effect of absorption of D-glucose and water on paracellular transport in the rat duodenum-jejunum. American Journal of Medical Science 309(3): 146-151, 1995.

O'Rourke MR, and Grobler LJ: L4-L5 degenerative spondylolisthesis-indications and technique for operative management. Iowa Orthopaedic Journal 14: 76-86, 1998.

O'Rourke MR, Marsh JL, Steyers C, Bottlang M, Madey S, and Brown T: Articulated elbow external fixation-determinants for optimal hinge alignment. Atlas of the Hand Clinics 5(1): 173-190, 2000.

Bottlang M, O'Rourke MR, Madey SM, Steyers CM, Marsh JL, and Brown TD: Radiographic determinants of the elbow rotation axis: Experimental identification and quantitative validation. J Orthop Res; 18(5): 821-8, 2000.

Von Knoch F, Marsh JL, Steyers C, McKinley TO, O'Rourke MR, Bottlang M. A new articulated elbow external fixation technique for difficult elbow trauma. Iowa Orthopaedic Journal 21: 13-19, 2001.

O'Rourke MR, Callaghan JJ, Goetz DD, Sullivan PM, Johnston RC: Osteolysis in a cemented modular posterior cruciate substituting total knee design-five to eight year follow-up. J. Bone Joint Surg. Am 84(8): 1362-1371, 2002.

Callaghan JJ, O'Rourke MR: Picking your implant-all PS knees are not alike! Orthopedics 25(9): 977-978, 2002.

Callaghan JJ, O'Rourke MR, Schmalzried TP, Campbell PA, Johnston RC: Tibial post impingement in posterior-stabilized total knee arthroplasty. Clin. Ortho. Rel. Res. 404: 83-88, 2002.

O'Rourke MR, Weinstein SL: Avascular necrosis following isolated greater trochanter fractures in children - a report of two cases. J. Bone Joint Surg. Am. 85: 2000 – 2005, 2003.

O'Rourke MR, Paprosky W, Rosenberg AG: Use of structural allografts in acetabular revision surgery. Clin. Ortho. Rel. Res. 420:113-121, 2004.

Callaghan JJ, O'Rourke MR, Saleh KJ: Why knees fail: Lesons learned. J.Arthroplasty 19: 31-34, 2004.

Callaghan JJ, Savory CG, O'Rourke MR, Johnston RC: Are all cementless acetabular components created equal? J. Arthroplasty 19: 95-98, 2004.

O'Rourke MR, Rosenquist RW: Applying the ASRA Guidelines to the Use of Low-molecular-weight Heparin Thromboprophylaxis in Major Orthopedic Surgery. J. Arthroplasty 19: 1-5, 2004

Sporer SM, O'Rourke MR, Chong P, Paprosky WG: The Use of Structural Distal Femoral Allografts for Acetabular Reconstruction. Average Ten-Year Follow-Up. J. Bone Joint Surgery Am. 87: 760-765, 2005.

Callaghan JJ, O'Rourke MR. Avoiding Dislocation: But When It Happens! Orthopedics 27 (9): 957-958, 2004.

Callaghan JJ, O'Rourke MR, Goetz DD, Lewallen DG, Johnston RC, Capello WN. Use of a Constrained Tripolar Acetabular Liner to Treat Intraoperative Instability and Postoperative Dislocation after Total Hip Arthroplasty. Clin. Orthop. Rel. Res. 429: 117-123, 2004.

Callaghan Waddell, White, Anderson, O'Rourke: Use of structural allografts in acetabular revision surgery. Clin Orthop. 420: 113-21, 2004.

Callaghan JJ, O'Rourke MR, Liu SS: The Role of Implant Constraint in Revision Total Knee Arthroplasty; Not Too Little, Not Too Much. J. Arthroplasty 20: 41-43, 2005.

Callaghan JJ, O'Rourke MR, Liu SS: Blood Management: Issues and Options. J. Arthroplasty 20: 51-54, 2005.

Sporer SM, O'Rourke MR, Paprosky WG. The Treatment of Pelvic Discontinuity During Acetabular Revision. J. Arthroplasty 20(4 suppl 2): 79-84, 2005

Callaghan JJ, O'Rourke MR, Iossi MF, Liu SS, Goetz DD, Vittetoe DA, Sullivan PM, Johnston RC. Cemented rotating-platform total knee replacement – a concise follow-up, at a minimum of fifteen years, of a previous report.. J. Bone Joint Surg. Am 87(9):1995-1998, 2005

Callaghan JJ, O'Rourke MR, Johnston RC. The Uni Experience: History Tells it All. Orthopaedics 28(9):988, 2005

Sporer SM, O'Rourke MR, Chong P, Paprosky WG. The use of structural distal femoral allografts for acetabular reconstruction. Average ten-year follow-up. J. Bone Joint Surg. Am. 87(4):760-5, 2005.

O'Rourke MR, GardnerJJ, Callahan JJ, Liu SS, Goetz DD, Vittetoe DA, Sullivan PM, Johnston RC. Then John Insall Award: Unicompartmental knee replacement: a minimum twenty-one year follow-up, end-result study. Clin Orthop Rel Res. 440: 27-37, 2005.

Sporer SM, O'Rourke MR, Paprosky WG. Managing bone loss in Acetabular Revision. Instr. Course Lect. 55:287-97, 2006.

Sporer SM, O'Rourke MR, Chong P, Paprosky WG. The use of structural distal femoral allografts for acetabular reconstruction. J Bone Joint Surg Am. 88(1 Suppl 1): 92-9, 2006.

Paprosky WG, O'Rourke M, Sporer SM. Then treatment of acetabular bone defects with an associated pelvic discontinuity. *Clin Orthop Relat Res* 441: 216-220, 2005.

Saltzman CL, Zimmerman M, O'Rourke MR, Brown TD, Buckwalter JA, Johnston RC. Impact of comorbidities on the measurement of health in patients with ankle osteoarthritis. *J Bone Joint Surg Am* 88(11):1387-92, 2006.

Paprosky WG, Sporer SM, O'Rourke MR. The treatment of pelvic discontinuity with acetabular cages. *Clin Orthop Rel Res* 453:183-187, 2006.

Yehyawi TM, Callaghan JJ, Pedersen, O'Rourke MR, DR, Liu SS. Variances in sagittal femoral shaft bowing in patients undergoing TKA. *Clin Orthop Rel Res* 464: 99-104, 2007.

Lundberg HJ, Liu SS, Callaghan JJ, Pedersen DR, O'Rourke MR, Goetz DD, Vittetoe DA, Clohisy J, Brown TD. Association of third body embedment with rim damage in retrieved acetabular liners. *Clin Orthop Rel Res* 465: 133-9, 2007.

Callaghan JJ, Liu SS, Firestone DE, Yehyawi TM, Goetz DD, Sullivan J, Vittetoe DA, O'Rourke MR, Johnson RC. Total hip arthroplasty with cement and the use of a collared matte-finish femoral component: nineteen to twenty-year follow-up. *J Bone Joint Surg Am* 90(2): 299-306, 2008.

Hazelwood KJ, O'Rourke M, Stamos VP, McMillan RD, Beigler D, Robb WJ 3rd. Case series report: Early cement-implant interface fixation failure in total knee replacement. *Knee*. 2015 Oct;22(5):424-8.

Book Chapters

Callaghan JJ, O'Rourke MR. Implant options in primary Total knee arthroplasty In: *The Adult Knee*. Ed: Callaghan JJ, Rosenberg AG, Rubash HE. Philadelphia: Lippincott Williams & Wilkins, pp 1059-1066, 2003.

O'Rourke MR, Paprosky W. Structural allografts in acetabular revision. *Master Techniques in Orthopaedic Surgery-Hip arthroplasty*. New York: Raven Press, 2004.

Callaghan JJ, O'Rourke MR, Sporer SM, Paprosky. Uncemented Acetabular Revision In: *Advanced Reconstruction Hip* Eds. Lieberman J and Berry D Rosement: AAOS, 2005.

O'Rourke MR, Callaghan JJ, Boezaart A. Surgery of the Knee Joint. In: *Orthopaedic Anesthesia* Ed. Boezaart A. New York: McGraw-Hill, In Press, 2005

O'Rourke MR, Callaghan JJ, Boezaart A. Surgery of the Hip Joint. In: *Orthopaedic Anesthesia* Ed. Boezaart A. New York: McGraw-Hill, In Press, 2005

O'Rourke MR. Complications in total hip arthroplasty In *The Adult Hip 2nd Edition*. Ed. Callaghan JJ, Rosenberg AG, Rubash HE. Philadelphia: Lippincott Williams & Wilkins, 2005.

O'Rourke MR. Septic Joint. In: *The Adult Hip 2nd Edition*. Ed: Callaghan JJ, Rosenberg AG, Rubash HE. Philadelphia: Lippincott Williams & Wilkins, 2005.

O'Rourke MR. Question 28 I have a portion of the acetabular component uncovered... In: *Curbside Consultation in Hip Arthroplasty* Ed. Sporer S. Thorofare NJ: Slack, pp.127-129, 2008.

Exhibits

Bottlang M, O'Rourke MR, Brown TD, and Marsh JL: Quantitative validation of radiographic landmarks for the application of articulated external fixation to the elbow and ankle joint. American Academy of Orthopaedic Surgery Annual Meeting, Anaheim, California, February 4-8, 1999.

Marsh JL, O'Rourke MR, Steyers CM, McKinley TO, von Knoch F, Bottlang M: Alignment of a hinged elbow fixator using radiographic landmarks. American Academy of Orthopaedic Surgery annual Meeting, Dallas, Texas, February 13-17, 2002.

Paprosky W, O'Rourke MR, Sporer S: Algorithmic approach to the revision acetabulum. American Academy of Orthopaedic Surgery annual Meeting, San Francisco, California, March 9-14, 2004.

Posters

Callaghan JJ, Liu SS, Templeton JE, Gaffey JL, Goetz DD, Pedersen DR, O'Rourke MR, Sullivan PM, Johnston RC: Comparison of Cemented Femoral Components With Identical Geometry But With Different Surface Finishes. AOA Meeting, June 23-26, 2004, Boston, MA.

Callaghan JJ, Waddell JP, White K, Anderson FA, O'Rourke MR: Establishment and Maintenance of Joint Replacement Registry: Lessons from the North American Hip and Knee Registry. AOA Meeting, June 23-26, 2004, Boston, MA.

Gardner JJ, O'Rourke MR, Callaghan JJ, Liu SS, Goetz DD, Vittetoe DA, Sullivan PM, Johnston RC. Unicompartamental Knee Replacement: A Minimum 21-year Follow-up, End Result Study. American Academy of Orthopaedic Surgeons, Washington, DC, February, 2005.

Yehyawi TM, Callaghan JJ, O'Rourke MR, Pedersen DR, Liu SS. Implications of sagittal femoral bowing on knee arthritis and total knee arthroplasty. Medical Student Research Day - University of Iowa College of Medicine, September 2006.

Yehyawi TM, Callaghan JJ, O'Rourke MR, Pedersen DR, Liu SS. Implications of sagittal femoral bowing on knee arthritis and total knee arthroplasty. Orthopaedic Research Society Annual Meeting, San Diego, CA, 2007.

Lundberg HJ, Liu SS, Callaghan JJ, Pedersen DR, O'Rourke MR, Goetz DD, Vittetoe DA, Clohisy J, Brown TD. Analysis of Retrieved Acetabular Liners for Impingement Damage and Embedded 3rd Body Debris. Orthopaedic Research Society Annual Meeting, San Diego, CA, 2007