

CURRICULUM VITAE
JOHN BOHANNON MASON, M.D.

PERSONAL: Date of Birth: 01/25/61
 Place of Birth: Greenville, South Carolina
 SS#: 245-98-5749
 Wife: Marianna Peete Mason
 Children: William
 Stuart

RESIDENCE: 159 Cherokee Road
 Charlotte, North Carolina 28207
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BUSINESS ADDRESS: OrthoCarolina Hip & Knee Center (*formerly Charlotte Orthopedic Specialists*)
 2001 Vail Avenue, Suite 200A
 Charlotte, North Carolina 28207
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CERTIFIED: American Board of Orthopaedic Surgeons, July, 1998

LICENSURE: North Carolina #93-00220, Issued 07/31/1993
 South Carolina # 21757, Issued 06/13/2000
 Massachusetts #80855, Issued 04/19/95, Expired 01/25/98

EDUCATION: 8/1979 - 5/1984 University of North Carolina, Chapel Hill, North Carolina
 (B.A., English and Zoology)
 8/1984 - 5/1989 Medical University of South Carolina, Charleston, South
 Carolina (M.D.)
 7/1989 - 6/1991 Duke University Medical Center, Durham, North Carolina
 (General Surgery Internship)
 7/1991 - 6/1995 Duke University Medical Center, Durham, North Carolina
 (Orthopaedic Residency)
 7/1995 - 6/1996 New England Baptist Hospital, Boston, Massachusetts
 (Otto E. AuFranc Fellowship in Adult Reconstructive
 Surgery)

FACULTY POSITION: 8/1995-7/1996 Clinical Associate Professor
 Department of Orthopaedic Surgery
 Tuft University, Boston, Massachusetts

 7/2005-6/2007 Adjunct Professor
 Department of Mechanical Engineering and Engineering
 Science
 University of North Carolina at Charlotte

 9/2003-6/2005 William States Lee College of Engineering, UNC-Charlotte

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WORK HISTORY:

8/19/96 to Present
OrthoCarolina
Charlotte Hip and Knee Center
Charlotte, North Carolina

LEADERSHIP:

Chief of Staff - Presbyterian Orthopaedic Hospital (2/2002-02/2004)
Co-Chairman, Peer Review Committee - Presbyterian Orthopaedic Hospital
Chairman, Recruitment, Retention, and Social Committee – Charlotte Orthopedic Specialists
Executive Committee Member (1999-2002)
Vice President of Charlotte Orthopedic Specialists (2000-2002)

**HOSPITAL
AFFILIATION:**

Presbyterian-Orthopaedic Hospital
Presbyterian Hospital
Presbyterian-Huntersville Hospital
Presbyterian-Matthews Hospital
Carolinas Medical Center
Carolinas Medical Center - Mercy
Carolinas Medical Center - Pineville
Carolinas Medical Center - University
HealthSouth Surgical Center

**PROFESSIONAL:
ORGANIZATIONS:**

American Academy of Orthopaedic Surgeons
American Association of Hip and Knee Surgeons
Piedmont Orthopaedic Association
Southern Orthopaedic Association/Southern Medical Association
North Carolina Medical Society
American Medical Association
North Carolina Orthopaedic Association
Insall Society
Mecklenburg County Medical Society
Health Volunteers Overseas
National Osteonecrosis Foundation
Eastern Orthopaedic Association
Society for Arthritic Joint Surgery
Foundation for the Carolinas Medical Research Committee
Health Volunteers Overseas – Professor’s Circle

BOOK CHAPTERS:

Berry DJ, Paprosky WG, Trousdale RT, Dennis (eds): Revision Total Hip and Knee Arthroplasty, “*Minor Bone Defect Management*”, (in press)

Insall and Scott (eds), Surgery of the Knee, Elsevier, Philadelphia, PA, 2005, Chap 91, “*Cemented Total Knee Replacement: The Gold Standard*”, (in press)

Insall and Scott (eds), Surgery of the Knee, Elsevier, Philadelphia, PA 2006. “*Cemented Total Knee Replacement: The Gold Standard*”.

Saleh KJ (ed): Revision Total Hip & Knee Arthroplasty, “*Removal of Well-Fixed Total Knee Implants*” (in press)

Berry DJ, Steinmann SP (eds): Adult Reconstruction-Operative Treatment Methods, “*Arthroscopy*” (in press)

Bono JV, Scott RD (eds): Revision Total Knee Arthroplasty, “*Modular Augments in Revision Total Knee Arthroplasty*” Boston, Massachusetts, 2005, Chap 9:97-104, 2005

McCarthy JC (ed): Early Hip Disorders, Advances in Detection and Minimally Invasive Treatment, “*Patient Positioning and Distraction*” Boston, Massachusetts, 2003

McCarthy JC (ed): Early Hip Disorders, Advances in Detection and Minimally Invasive Treatment, “*Surgical Approaches*” Boston, Massachusetts, 2003

Byrd JWT (ed): Clinics in Sports Medicine, “*Acetabular Labral Tears in the Athlete*” Philadelphia, Pennsylvania, October, 2001.

Callaghan, J.J.; and Rubash, H. (eds): The Adult Hip. “*Arthroscopy of the Hip*”. New York, New York, 1998.

Snider, Robert K. (ed): Essentials of Musculoskeletal Care. “*Section Five: Hip and Thigh*”. Rosemont, Illinois, 1997.

Guten, Gary N. (ed): Clinics in Sports Medicine. “*Total Joint Arthroplasty and Golf*”. Philadelphia, Pennsylvania, 1996.

Lotke, P.A.; and Garino, J.P. (eds): Revision Total Knee Arthroplasty. “*Management of Severe Bone Loss with Prosthetic Modularity and Custom Implants*”.

PUBLICATIONS:

“Comparison of Radiographic Alignment of Imageless Computer Assisted Surgery versus Conventional Instrumentation in Primary Total Knee Arthroplasty in the High Volume Setting: A Prospective, Randomized, Multi-Center Study”, *Journal of Arthroplasty* (submitted for publication).

“Cementless Femoral Components in Young Patients” Review and Meta-Analysis of Total Hip Arthroplasty and Hip Resurfacing, *Journal of Arthroplasty*, Vol. 24, Number 6, Suppl 1, September 2009, pp 2-8.

Aspiration as an Aid to the Diagnosis of Prosthetic Knee Instability, *Orthopedics*, 32:5, pp 318, May 2009

Analysis of the Outcome in Male and Female Patients using a Unisex Total Knee Replacement System, *J Bone & Joint Surgery*, 2009;91 (3) :357-360

Analysis of Outcomes between Male and Female Patients Using a Contemporary Knee System, *J. Arthroplasty* (submitted for publication 4/2008)

Revision Total Knee Arthroplasty: Planning, Management, and Controversies, *PubMed* (submitted for publication)

Why Do Revision Knee Arthroplasties Fail? *J. Arthroplasty*, 23:6 Suppl 1, pp 99-103, Sept. 2008

The New Demands by Patients in the Modern Era of Total Joint Arthroplasty, *Clinical Orthopaedics and Related Research*. Vol. 466, No. 1, pp 146-152, January 2008

Functional advantage of articulating vs. static spacers in two-stage revision for TKA infection. *J Arthroplasty*.22:8, pp 1116-1121, Dec. 2007

Navigated Total Knee Replacement, *Journal of Bone & Joint Surgery*, Vol. 89, No. 11, pp 2547-8, Nov. 2007

Hip Instability in Two-Stage Reimplantation Without an Articulating Spacer, *AAHKS-Journal of Arthroplasty Supp 2*, 22:6(156-), Sept 2007

The Obesity Epidemic: Its Effect on Total Knee Arthroplasty. *J Arthroplasty*, Vol. 22 No. 6 Suppl 2 Sept 2007

Meta-Analysis of Alignment Outcomes in Computer Assisted Total Knee Replacement Surgery. *J Arthroplasty*. 22:8, pp 1097-1106, Dec. 2007

The New Demands by Patients in the Modern Era of Total Joint Replacement. *J Arthroplasty*. Early 2008. *In press*

Acetabular Component Deformation with Press-fit Fixation, *J Arthroplasty*, 21(6 Suppl-2):72-77, 2006

Importance of a Balanced-gap Technique in Rotating-platform Knees. *Orthopaedics*. September Volume 29-#9/supplement, 2006

Diagnostic Accuracy of Magnetic Resonance Imaging and Magnetic Resonance Arthrography in the Evaluation of Labral and Chondral Hip Pathology (submitted for publication, June, 2006)

When Computer Assisted Knee Replacement is the Best Alternative, *Clinical Orthopaedics and Related Research*, 2006 Nov;452:132-6

Prevalence of Spin Out in Rotating Platform Total Knee Arthroplasty, *Orthopaedics*, 2006 (*in press*)

Removal of Well-Fixed Total Knee Implants, *Clinical Orthopaedics and Related Research*, 2006;446:76-82. *Review*

Failure of Femoral Surface Replacement for Femoral Head Avascular Necrosis *J Arthroplasty*, 2005;20(7 Suppl 3):108-114

Outcome Comparison of Partial and Full Component Revision TKA *Clinical Orthopaedics and Related Research*, 2005 ;440(131-4)

Prevalence of Dislocation in Rotating Platform Knee Arthroplasty *submitted for publication to Journal of Arthroplasty*, 2005

Early Failure in Total Hip Arthroplasty *submitted for publication to Clinical Orthopaedics and Related Research, 2005*

Cementless Revision Total Hip Arthroplasty without Allograft in Severe Proximal Femoral Defects. *Journal of Arthroplasty, Vol. 20, No. 6, September, 2005*

Catastrophic Complications of Minimally Invasive Hip Surgery
Journal of Bone and Joint Surgery 87A:4, April 2005

Comparison of Weight Bearing Protocol On Ingrowth and Subsidence of a Porous Coated Press-Fit Tapered Stem. *Submitted for publication to Journal of Arthroplasty*

Early Morbidity of Modular Exchange for Polyethylene Wear and Osteolysis.
Journal of Arthroplasty, Vol. 19, No. 6 (Suppl. 2), 2004

Early Osteolysis Associated with Trunion-Liner Impingement, *Clinical Orthopaedic Related Research 418:153-6, Jan 2004*

Stem Fixation in Revision Total Knee Arthroplasty. A Comparative Analysis
Clinical Orthopedics and Related Research, 416:217-224, 2003.

Hip Arthroscopy: Surgical Approach, Positioning, and Distraction, *Clinical Orthopaedics and Related Research, 406:29-37, January 2003*

Early Experience with Offset Modular Acetabular Liners *submitted for publication to Journal of Arthroplasty*

Causes of Early Failure in Total Hip Arthroplasty *submitted for Stenchfield Award (Hip Society), Journal of Bone and Joint Surgery*

Polyethylene Exchange Only for Prosthetic Knee Instability *accepted for publication in Clinical Orthopaedics and Related Research*

Success Rate of Modular Component Exchange for the Treatment of an Unstable Total Hip Arthroplasty. *Journal of Arthroplasty, 17:7 (864-869), October 2002.*

Patella Inversion Method for Exposure in Revision Total Knee Arthroplasty,
The Journal of Arthroplasty, Vol. 17 (1), January, 2002

Bipolar Reconstruction for Recurrent Instability of the Hip, *Orthopedics, Vol 27 (7), 746-751, July 2004.*

Patella Inversion Method for Exposure in Revision Total Knee Arthroplasty. *Journal of Arthroplasty, 17:1(104-104), 2002.*

Cementless Revision Total Hip Arthroplasty without Allograft in Severe Proximal Femoral Defects, *Journal of Arthroplasty (in press)*

Femoral Revision with a Modular Proximally Coated Titanium Stem: Minimum Six Year Clinical and Radiographic Review *submitted for publication to Journal of Arthroplasty*

The Value of White Blood Cell Counts Prior to Revision Total Knee Arthroplasty. *Journal of Arthroplasty*, 18 (8), December, 2003

Early Failures in Total Knee Arthroplasty. *Clinical Orthopaedics and Related Research*, Volume 392, November 2001

Articulating vs. Static Spacers in Revision Total Knee Arthroplasty for Sepsis *Clinical Orthopaedics and Related Research* 980:9, November 2000.

Hip Arthroscopy for Acetabular Dysplasia: A Pipe Dream? *Orthopedics*, 21:977-9 September 1998.

Artificial Joint Replacement and Golf: Playing Through Your Arthritis, *Arthritis Accent*, issue 4, 1996

Combined Microsurgical Free Tissue Transplantation and Ilizarov Fixation for Lower Extremity Salvage. *Journal of Orthopaedic Trauma*, September, 1995.

The Rational for Tibiotalar Release in Idiopathic Club Foot. *Journal of Bone and Joint Surgery*, 71-A, No. 4, 1989.

Listening to the Young: The Physician Surplus. *North Carolina Medical Journal*, Vol.47, 9:389-391, 1986.

PRESENTATIONS:

“Patient and Surgical Factors Associated with Infection After Total Knee Arthroplasty”, 75th Annual AAOS Meeting, San Francisco, CA, March 5, 2008 – March 9, 2008

“Revision Total Knee Arthroplasty: Planning, Management and Controversies”, 75th Annual AAOS Meeting, San Francisco, CA, March 5, 2008

“The New Demands By Patients in the Modern Era of TJR”, Association of Bone and Joint Surgeons, Carl T. Brighton Workshop on Less Evasive and Computer Assisted Orthopaedic Surgery, Tampa, FL, December 1, 2006

“Acetabular Component Deformation with Press-Fit Fixation”, 15th Annual AAHKS Meeting, Dallas, TX, November 5, 2005

“The Current Status of Small Incision Hip Surgery”, North Carolina Orthopaedic Association, Pinehurst, NC, October 30, 2005

“Primary THA: Metal-on-Metal Bearings”, *Oscar Miller Day 2005 Symposium*, “*Current Concepts in Hip Arthritis*”, Charlotte, NC, October 21, 2005

“Hip Arthroscopy: Labral and Chondral Defects”, *Oscar Miller Day 2005 Symposium*, “*Current Concepts in Hip Arthritis*”, Charlotte, NC, October 21, 2005

“Tissue Sparing Total Hip Arthroplasty – Posterolateral Approach”, *2005 Minimally Invasive Hip Arthroplasty Techniques*, Orthopaedic Learning Center, Rosemont, IL, September 13, 2005

“Tissue Sparing Techniques/Surgical Approaches” *Japan Knee Forum*, Tampa General Hospital, Tampa, FL, August 2, 2005

“Rotating Platform Ci Surgery with Specialist II Instrumentation” *Ci Advanced Training Course*, Orthopaedic Learning Center, Rosemont, IL, June 27, 2005.

“Pain Management and Rehabilitation” *Advanced Computer Aided Training Course*, Orthopaedic Learning Center, Rosemont, IL June 27, 2005.

“MIS Total Hip Arthroplasty” Panel Discussion, *AAOS Minimally Invasive Hip Replacement: Minimal Tissue Trauma and Enhanced Recovery*, Orthopaedic Learning Center, Rosemont, IL June 24, 2005.

“Pain Management and Rehabilitation for Enhanced Recovery” *Advanced Computer Aided Surgery Course*, Orthopaedic Learning Center, Rosemont, IL June 24, 2005.

“The Millennium Patient” *MIS Meets CAOS*, Indianapolis, IN May 19-20, 2005.

“Economic Modeling for CAOS” *MIS Meets CAOS*, Indianapolis, IN May 19-20, 2005.

“How to Classify These Mini and MIS Approaches to the Hip” *MIS Meets CAOS*, Indianapolis, IN May 19-20, 2005.

“Planning and Implant Selection for MIS THR: Now and in the Future” *MIS Meets CAOS*, Indianapolis, IN May 19-20, 2005.

“Revision Total Knee Arthroplasty: Anticipating the Surgeon’s Next Move” *Charlotte Advanced Sales School*, Charlotte, NC May 11-13, 2005.

“The Infected Total Knee/Use of Spacers” *Charlotte Advanced Sales School*, Charlotte, NC May 11-13, 2005.

“Femoral Revisions with a Modular Proximally Porous Coated Stem” *Charlotte Advanced Training School*, Charlotte, NC May 11-13, 2005.

“Hip Instability Prevention & Treatment” *Charlotte Advanced Training School*, Charlotte, NC May 11-13, 2005.

“CAS Impact to Practitioner Economics, DTC & Patients” *Transforming Orthopaedics: Technology for Improved Surgical Outcomes*, Whistler, BC March 9-13, 2005.

“Dislocation: Etiology & Management” *Transforming Orthopaedics: Technology for Improved Surgical Outcomes*, Whistler, BC March 9-13, 2005

“The Painful THA: Diagnosis & Remedy” *Transforming Orthopaedics: Technology for Improved Surgical Outcomes*, Whistler, BC March 9-13, 2005.

“Comparison of Weight Bearing Protocol on Ingrowth and Subsidence of a Porous Coated Press-Fit Tapered Stem” *72nd Annual American Association of Orthopaedic Surgeons*, Washington, DC February 21-27, 2005.

“The Effect of Immediate Weight Bearing on a Tapered Cementless Stem” *72nd Annual American Association of Orthopaedic Surgeons*, Washington, DC February 21-27, 2005

“Failure of Hemi-Resurfacing for AVN in Young Patients”, *14th Annual Meeting of the Hip and Knee Surgeons*, Dallas, TX, November 5-7, 2004.

“Hip Instability Prevention and Treatment” *Charlotte Advanced Sales School*, Charlotte, NC June 10-11, 2004.

“Femoral Revisions With a Modular Proximally Coated Stem (S-ROM)” *Charlotte Advanced Sales School*, Charlotte, NC June 10-11, 2004.

“The Infected Total Knee Arthroplasty and the Use of Spacers” *Charlotte Advanced Sales School*, Charlotte, NC June 10-11, 2004.

“Patella Only Revision” *Charlotte Advanced Sales School*, Charlotte, NC June 10-11, 2004.

“Revision Total Knee Arthroplasty: Anticipating the Surgeon’s Next Move” *Charlotte Advanced Sales School*, Charlotte, NC June 10-11, 2004.

“The New Paradigm: What’s Right With Our Current Procedures and How Can We Improve?” *Maximizing Performance in Total Joint Replacement*, Coconut Grove, FL May 14-15, 2004.

“Ligament Balancing with CAS in Total Knee Arthroplasty” *Maximizing Performance in Total Joint Replacement*, Coconut Grove, FL May 14-15, 2004.

“Unicompartmental Knee Arthroplasty—Indications, Patient Selection, and Clinical Experience” *Maximizing Performance in Total Joint Replacement*, Coconut Grove, FL May 14-15, 2004.

“Maintaining Constraint in Total Knee Arthroplasty” *Lecture to local surgeons*, Greenville, NC April 7, 2004.

“Metal-on-Metal Articulations” *Lecture to local surgeons*, Greenville, NC April 7, 2004.

“Treatment Algorithm for Chondral Lesions” *Lecture to the Davidson College Premedical Histology Class*, March 23, 2004

“The Millennium Patient: What is Right With the Current Procedures and How Can We Improve?” *Intellegent Orthopaedics-Transforming Care For All*, Napa Valley, CA March 7-9, 2004.

“Decision-Making Implant Selection” *Techniques and Issues in Orthopaedics*, Whistler, BC, Canada February 11-15, 2004.

“Pre-operative Planning and the Use of Modular Femoral Components in Revision Total Hip Arthroplasty” *DePuy-Charlotte Learning Center*, Charlotte, NC November 6-7, 2003.

“Maintaining Constraint in Total Knee Arthroplasty” *DePuy-Charlotte Learning Center*, Charlotte, NC November 6-7, 2003.

“Treatment of the Infected Total Knee Arthroplasty” *DePuy-Charlotte Learning Center*, Charlotte, NC November 6-7, 2003.

“The Posterior Approach” *Minimally Invasive Hip Arthroplasty Techniques*, Presbyterian Institute for Minimally Invasive Technology, Dallas, TX July 31-August 1, 2003.

“Metal-on-Metal Articulations” *Orthopedic Trauma Conference*, Memorial Health University Medical Center, Savannah, GA, July 16, 2003.

“Design Issues of a Modern Porous Coated Primary Stem: Summit/S-ROM Focus” *Charlotte Advanced Sales School*, Charlotte, NC June 19-20, 2003.

“Managing Constraint in TKA” *Charlotte Advanced Sales School*, Charlotte, NC June 19-20, 2003.

“Rationale and Indications for Mobile Bearing Knees” *Charlotte Advanced Sales School*, Charlotte, NC June 19-20, 2003.

“High Tibial Osteotomy” *Anderson Orthopaedic Bioskills Learning Conference*, Alexandria, VA, June 4-6, 2003.

“Computer Assisted Surgery” *Anderson Orthopaedic Bioskills Learning Conference*, Alexandria, VA, June 4-6, 2003.

“Recognizing a Wider Spectrum of Hip Pathology” *Current Issues in Orthopedics*, Lucaya, Grand Bahama, May 15-18, 2003.

“HTO, UniSpacer, UKA: ‘Show me the Data’ ” *Current Issues in Orthopedics*, Lucaya, Grand Bahama, May 15-18, 2003.

“Computer Assisted Surgery of the Knee” *Current Issues in Orthopedics*, Lucaya, Grand Bahama, May 15-18, 2003.

“Metal-on-Metal Articulations: Advantages, Experience, Concerns” *Current Issues in Orthopedics*, Lucaya, Grand Bahama, May 15-18, 2003.

“Unicompartmental Knee Arthroplasty” *Duke University Grand Rounds*, Durham, NC, April 2, 2003.

“Defining the Role of Metal-on-Metal Articulations” *Duke University Grand Rounds*, Durham, NC, April 2, 2003.

“Management of Infected Total Knee Arthroplasty” *Hot Topics in Cold Weather* Steamboat Springs, CO March 1-7, 2003.

“Unicompartmental Knee Arthroplasty: Optimizing Outcomes” *Hot Topics in Cold Weather* Steamboat Springs, CO March 1-7, 2003.

“The Clinical Application of Metal-on-Metal Bearings” *Hot Topics in Cold Weather* Steamboat Springs, CO March 1-7, 2003.

“Treatment Algorithm for Chondral Lesions” *Lecture to the Davidson College Premedical Histology Class*, February 20, 2003.

“Defining the Role of Trochanteric Osteotomy in Revision Total Hip Arthroplasty” *American Academy of Orthopedic Surgeons 14th Annual Meeting* New Orleans, LA February 5-9, 2003.

“Metal-on-Metal Articulations” *Current Concepts in Orthopedics* Orlando, FL, December 11-14, 2002.

“Underestimation of Osteolysis in Posterior Stabilized Total Knee Arthroplasty” *American Academy of Hip and Knee Surgeons 12th Annual Meeting*, Dallas, TX, November 1-3, 2002.

“Metaphyseal Only Engaging Stems in Revision Total Knee Arthroplasty” *American Academy of Hip and Knee Surgeons 12th Annual Meeting*, Dallas, TX, November 1-3, 2003.

“Unipolar vs. Bipolar Hip Arthroplasty” *Hip Fracture Advisory Board Meeting*, AAHKS, Dallas, TX, November 1, 2002.

“Separating the Knowns from the Unknowns in Metal/Metal Articulations” *Advanced Sales School, DePuy*, Charlotte, NC, July 25-26, 2002.

“Managing Constraint in TKA” *Advanced Sales School, DePuy*, Charlotte, NC, July 25-26, 2002.

“Rationale and Indications for Mobile Bearing Knee” *Advanced Sales School, DePuy*, Charlotte, NC, July 25-26, 2002.

“Infection in Total Knee Arthroplasty” *Anderson Orthopaedic Bioskills Learning Conference*, Alexandria, VA, June 13-14, 2002.

“Prevention and Management of Dislocation in Total Hip Arthroplasty” *Issues and Updates in Total Joint Arthroplasty*, Indianapolis, IN, May 9-11, 2002.

“Metal-on-Metal Articulations” *Issues and Updates in Total Joint Arthroplasty*, Indianapolis, IN, May 9-11, 2002.

“The Infected Total Knee Arthroplasty” *Issues and Updates in Total Joint Arthroplasty*, Indianapolis, IN, May 9-11, 2002.

“Rotating Platform PS Knees: Rationale and Early Clinical Results” Maine Orthopedic Society Annual Meeting, Sugarloaf, ME, March 13-15, 2002.

“Infection in Total Knee Arthroplasty” Maine Orthopedic Society Annual Meeting, Sugarloaf, ME, March 13-15, 2002.

“How Do We Justify the Unknowns in Metal On Metal Articulations?” Maine Orthopedic Society Annual Meeting, Sugarloaf, ME, March 13-15, 2002.

“Outcomes in Hip Arthroscopy” Carolinas Medical Center Joint Conference, Charlotte, NC, December 6, 2001.

“Preventing Instability in Revision Total Hip Arthroplasty”, AAOS Revision Hip Surgery Course, Rosemont, Il, November 30-December 2, 2001.

“AVN—A Staged Approach” Concepts and Controversies in Arthroplasty and Sports Medicine, Pinehurst, NC, September 27-29, 2001.

“How Do We Justify the Unknowns with Metal-on-Metal Articulations?” Concepts and Controversies in Arthroplasty and Sports Medicine, Pinehurst, NC, September 27-29, 2001.

“Infected Total Knee Arthroplasty” Revision Hip and Knee Surgery Meeting, Deer Valley, Ut, July 19-22, 2001.

“Revision Knee Arthroplasty Utilizing a Fixed Bearing Prosthesis” Revision Hip and Knee Surgery Meeting, Deer Valley, Ut, July 19-22, 2001.

“AVN: Etiology, Classification, and Management in the Hip” Carolinas Medical Center Joint Conference, Charlotte, NC, July 5, 2001.

“Hip Arthroscopy” 17th Annual Industrial Symposium, Charlotte, NC, June 29, 2001.

“Premature Wear and Osteolysis in PFC Modular Total Knees” American Academy of Orthopaedic Surgeons Annual Meeting, San Francisco, Ca, February 28-March 4, 2001.

“The Value of White Blood Cell Counts Prior to Revision Total Knee Arthroplasty” American Academy of Orthopaedic Surgeons Annual Meeting, San Francisco, CA, February 28-March 4, 2001.

“Tibial Osteotomy: Opening Wedge, Closing Wedge, Indications and Expectations” Southern Orthopaedic Association--Hot Topics in Cold Weather, Park City, Utah, February 4-9, 2001.

“Using Temporary Spacers in TKA Reimplantation” Southern Orthopaedic Association—Hot Topics in Cold Weather, Park City, Utah, February 4-9, 2001.

“Bipolar Reconstruction for Recurrent Instability of the Hip” American Association of Hip and Knee Surgeons Annual Meeting: Dallas, Texas, November 3-5, 2000.

“Incomplete Seating of Press-Fit Porous Coated Acetabular Components—The Fate of Zone 2 Radiolucencies” American Association of Hip and Knee Surgeons Annual Meeting: Dallas, Texas, November 3-5, 2000.

“The Value of White Blood Cell Counts Prior to Revision Total Knee Arthroplasty” American Association of Hip and Knee Surgeons Annual Meeting: Dallas, Texas, November 3-5, 2000.

“A Simple Capsulorrhaphy to Minimize Posterior Hip Dislocation Following a Posterior Approach to the Hip for Total Hip Arthroplasty” American Association of Hip and Knee Surgeons Annual Meeting: Dallas, Texas, November 3-5, 2000.

“Non Traumatic Osteonecrosis of the Femoral Head” Joint Replacement 2000: Contemporary techniques and issues in Orthopaedics: Deer Valley, Utah, June 15-17, 2000.

“Surgical Decision making in Unicompartmental Disease of the Knee” Joint Replacement 2000: Contemporary techniques and issues in Orthopaedics: Deer Valley, Utah, June 15-17, 2000.

“Evaluation of the Painful Total Knee Replacement” Joint Replacement 2000: Contemporary techniques and issues in Orthopaedics: Deer Valley, Utah, June 15-17, 2000.

“Evaluation of Painful Total Knee Replacement” Joint Replacement 2000: Optimizing Outcomes: Pinehurst, North Carolina, May 11-13, 2000.

“Single Component Revision of the Hip: Indications, Techniques and Complications” Joint Replacement 2000: Optimizing Outcomes: Pinehurst, North Carolina, May 11-13, 2000.

“Failure of Bloodless Revision of the Unstable Total Hip” 67th Annual Meeting of the American Academy of Orthopaedic Surgeons: Orlando, Florida, March 15-19, 2000.

“A Comparison of Articulating vs. Static Spacers in Revision Total Knee Arthroplasty” 67th Annual Meeting of the American Academy of Orthopaedic Surgeons: Orlando, Florida, March 15-19, 2000.

“Non-traumatic Osteonecrosis of the Femoral Head” Contemporary Techniques and Issues in Orthopaedics: Snowmass, Colorado, January 29-February 6, 2000.

“A Comparison of Articulating vs. Static Spacers in Revision Total Knee Arthroplasty for Sepsis” American Association of Hip and Knee Surgeons: Dallas, Texas, November 12-14, 1999.

“Posterior Cruciate Substitution: What Happened to My Theoretical Concerns?” Advancements in Total Hip and Knee Arthroplasty: Chicago, Illinois, June 4-5,

1999.

“Injuries to the Acetabular Labrum: Classification, Outcome, and Relationship to Hip Arthritis” Mason, J.B.; Wardell, S.R.; and McCarthy, J.: Advancements in Total Hip and Knee Arthroplasty: Chicago, Illinois, June 4-5, 1999.

“The Unstable Total Hip Arthroplasty: Prevention and Management of Dislocation” Advancements in Total Hip and Knee Arthroplasty: Chicago, Illinois, June 4-5, 1999.

“Improving Diagnostic Accuracy of Chondral Injury’s Correlation of Gadolinium MR Imaging with Arthroscopic Hip Surgery” Advancements in Total Hip and Knee Arthroplasty: Chicago, Illinois, June 4-5, 1999.

“Management of Bone Defects in Total Knee Arthroplasty” Charlotte Knee Symposium: Charlotte, North Carolina, April 23-24, 1999.

“Dealing with Varus Angulation in Total Knee Arthroplasty” Charlotte Knee Symposium: Charlotte, North Carolina, April 23-24, 1999.

“Labral Injuries in the Adult” Arthroscopy Association of North America 17th Annual Meeting: Orlando, Florida, April 30-May 1, 1998.

“Is There a Treatment for Synovial Chondromatosis of the Hip Joint?” Eastern Orthopaedic Association 27th Annual Meeting: Scottsdale, Arizona, October 15-19, 1997.

“The Unstable Total Hip Arthroplasty” Joint Replacement 1997: Engineering & Biology: Pinehurst, North Carolina, May 28-31, 1997.

“Is There a Treatment for Synovial Chondromatosis of the Hip Joint?” Arthroscopy Association of North America: San Diego, California, April 26, 1997.

“Polyethylene: The limiting issue?” Charlotte Hip Symposium: Charlotte, North Carolina, April 10-11, 1997.

“Revision THA with a Modular, Proximally Fixed Stem” Charlotte Hip Symposium: Charlotte, North Carolina, April 10-11, 1997.

“The Unstable THA: Prevention, Pitfalls, and Controversy” Controversies and Clinical Management in Hip & Knee Reconstruction: Vail, Colorado, March 14-17, 1997.

“Is There a Treatment for Synovial Chondromatosis of the Hip Joint?” American Academy of Orthopaedic Surgeons 64th Annual Meeting: San Francisco, California, February 13-17, 1997.

“Injuries to the Acetabular Labrum: Classification, Outcome, and Relationship to Degenerative Arthritis” American Academy of Orthopaedic Surgeons 64th Annual Meeting: San Francisco, California, February 13-17, 1997.

“Radiographic Assessment of Posterolateral Acetabular Defects in Revision Total Hip Arthroplasty: A Cadaveric Study” American Academy of Orthopaedic Surgeons 64th Annual Meeting: San Francisco, California, February 13-17,1997.

“Management of Patella Infera after Total Knee Arthroplasty (poster presentation)” American Academy of Orthopaedic Surgeons 64th Annual Meeting: San Francisco, California, February 13-17,1997.

“Femoral Revision with a Modular Proximally Porous Coated Titanium Stem: Minimum Five Year Clinical and Radiographic Review” American Association of Hip and Knee Surgeons: Dallas, Texas, November, 1996.

“Revision of the Acetabulum Using a Self-Centering Bipolar Device” Eastern Orthopaedic Society: Hilton Head, South Carolina, October 16, 1996.

“Intramedullary Alignment In Total Knee Arthroplasty: Indications, Results, Pitfalls, Alternatives, and Controversies” 63rd Annual Meeting of the American Academy of Orthopaedic Surgeons: Atlanta, Georgia, Scientific Exhibits; February 22-26, 1996.

“Have We Made any Progress since Charnley?” Rocky Mountain Traumatologic Society: Aspen, Colorado, January 24-28,1996.

“Acetabular Revision Utilizing a Self-Centering Bipolar Device: Minimum Five Year Follow-up” The New England Orthopaedic Society Fall Meeting: Boston, Massachusetts, November 18, 1995.

“Intermediate Results of the Monifit HA Femoral Component” The Tenth Annual Joint Replacement Symposium: Palm Beach, Florida, November 3, 1995.

“Seven to Ten Year Experience with the Dual Geometry Acetabular Component” The Tenth Annual Joint Replacement Symposium: Palm Beach, Florida, November 2, 1995.

“A Technique for Elevation of Depressed Tibial Plateau Fractures” North Carolina Orthopaedic Association: Asheville, North Carolina, October 15, 1995.

“Periprosthetic Osteolysis and Management of Bone Deficiency in Revision Total Hip Surgery” The John J. Gartland Lecture, Philadelphia Orthopaedic Society: Philadelphia, Pennsylvania, October 10, 1995.

“The Use of Hydroxylapatite in THA” 7th Annual Conference on Techniques and Science of Successful Joint Arthroplasty: Burlington, Vermont, October 6, 1995.

“The Use of Bone Grafts in Total Knee Arthroplasty” 7th Annual Conference on Techniques & Science of Successful Joint Arthroplasty: Burlington, Vermont, October 5, 1995.

“The Long Term Results of Cementless Stem Fixation” Total Hip and Knee Arthroplasty: Clinical Issues in Providing Quality Care: Pinehurst, North Carolina, September 30, 1995.

“The Fate of Structural Allografts in Revision Hip Surgery” Total Hip and Knee Arthroplasty: Clinical Issues in Providing Quality Care: Pinehurst, North Carolina, September 29, 1995.

“Current Trends in Surgery of the Hip” Norfolk Naval Hospital Grand Rounds: Norfolk, Virginia, September 22, 1995.

“Implant Choices: Cemented vs. Cementless” American Association of Orthopaedic Surgeons Summer Institute: Boston, Massachusetts, September 10, 1995.

“Combined Microsurgical Free Tissue Transplantation and Ilizarov Fixation for Lower Extremity Salvage” American Orthopaedic Association Residents’ Meeting: Atlanta, Georgia, March 23, 1994.

“Combined Microsurgical Free Tissue Transplantation and Ilizarov Fixation for Lower Extremity Salvage” American Society for Reconstructive Microsurgery: Kansas City, Missouri, September 27, 1993.

“Combined Microsurgical Free Tissue Transplantation and Ilizarov Fixation for Lower Extremity Salvage” American Society for Plastic and Reconstructive Surgery: New Orleans, Louisiana, September 20, 1993.

“The New Demands By Patients in the Modern Era of TJR”, Association of Bone and Joint Surgeons Carl T. Brighton Workshop on Less Invasive and Computer-Assisted Orthopaedic Surgery: Tampa, Florida, December 1, 2006. In press. *Clinical Orthopaedics and Related Research*.

“Meta-Analysis of Alignment Outcomes in Computer Assisted Total Knee Replacement Surgery”. In press. *Journal of Arthroplasty*.

INSTRUCTOR:

“Rotating Platform Ci Surgery with Specialist II Instrumentation” *Orthopaedic Learning Center*, Rosemont, IL June 27, 2005.

“Minimally Invasive Hip Replacement” *Orthopaedic Learning Center*, Rosemont, IL May 7-8, 2004.

“Minimally Invasive Hip Arthroplasty Techniques” *Orthopaedic Learning Center*, Rosemont, IL September 14-15, 2003.

“Minimally Invasive Hip Arthroplasty Techniques” *Presbyterian Institute for Minimally Invasive Technology*, Dallas, TX July 31-August 1, 2003.

“Unicompartmental Knee Arthroplasty” *Orthopaedic Learning Center*, Rosemont, IL July 13-14, 2003.

“Preservation Uni-Compartmental Knee Program Reconstructive Training” *Orthopaedic Learning Center*, Rosemont, IL January 26-27, 2003.

EXHIBITS:

“Radiographic assessment of posterolateral acetabular defects in Revision total hip arthroplasty: a Cadaveric study” Annual Meeting American Academy of Orthopaedic Surgeons, San Francisco, California, Scientific Exhibit; February 13-17, 1997.

POSTERS:

“Little Difference in Outcomes Between Genders Using a Contemporary Total Knee System”. David F. Dalury, MD, JB Mason, MD, Mary Jo Adams, RN, BSN. AAHKS, Nov. 2007

“Aspiration as an aid to the diagnosis of prosthetic knee instability”. Accepted AAOS Poster

“Are mobile bearing knees worth the premium?” Accepted AAOS Poster and AAHKS Poster

“Prevalence of Dislocation in Rotating Platform Total Knee Arthroplasty”. American Academy of Hip and Knee Surgeons

“Prevalence of Spin Out in Rotating Platform Total Knee Arthroplasty” American Academy of Hip and Knee Surgeons 15th Annual Meeting, Dallas, TX, November 4-6, 2005

“Failure of Hemi-Resurfacing for AVN in Young Patients” 72nd Annual Meeting of the American Academy of Orthopaedic Surgeons, Washington, DC February 21-27, 2005.

“Early Experience with Lateralized Modular Acetabular Liners” American Academy of Hip and Knee Surgeons 12th Annual Meeting, Dallas, TX, November 1-3, 2002.

“Underestimation of Osteolysis in Posterior Stabilized Total Knee Arthroplasty” American Academy of Hip and Knee Surgeons 12th Annual Meeting, Dallas, TX, November 1-3, 2002.

“Early Failures in Total Knee Arthroplasty” 68th Annual Meeting of the American Academy of Orthopaedic Surgeons, San Francisco, Ca, February 28-March 4, 2001.

“Press-Fit Fixation of a Porous-Coated Acetabular Component Without Screws in Primary Total Hip Arthroplasty” American Academy of Orthopaedic Surgeons Annual Meeting, San Francisco, Ca., February 28-March 4, 2001.

“Premature Wear and Osteolysis in PFC Modular Total Knees” American Association of Hip and Knee Surgeons Annual Meeting, Dallas, Tx., November 3-5, 2000.

“White Blood Cell Count in Revision THA” 67th Annual Meeting of the American Academy of Orthopaedic Surgeons: Orlando, Fl, March 15-19, 2000.

“Surgical Treatment of Prosthetic Hip Instability” 67th Annual Meeting of the American Academy of Orthopaedic Surgeons: Orlando, Fl, March 15-19, 2000.

CURRENT

PROJECTS:

Clinical Evaluation of Computer Navigation in Joint Replacement Surgery

Electromagnetic Tracking Systems Development, World Development Team

Novel Minimally Invasive Hip Stem Design, World Development Team

Evaluation of Ligament Balancing Algorithms in Total Knee Arthroplasty

Assessment of Design, Unicompartment Knee Arthroplasty.

Prospective Analysis of Management Protocols in Avascular Necrosis of the Hip.

**CLINICAL
RESEARCH:**

Multiple Ongoing Clinical Research Projects

Principle Investigator

Five-year follow-up of rotating platform knees vs fixed bearing knees.

Comparative analysis of femoral rotational alignment in total knee arthroplasty using computer assisted surgery

Rotating platform for severe varus deformity

Computer assisted total knee surgery

Computer Assisted Technology in Total Knee Arthroplasty

Comparison between fixed bearing and rotating platform knees and the management of moderate to severe varus deformity

Investigator

Randomized, MultiCenter, Trial of Cermic on Metal-Hip replacement device (FDA-Device clinical trial) DePuy/Johnson & Johnson.

A Prospective, Multi-Center, Randomized, Controlled Clinical Investigation of the DePuy PROXIMA ZTT™ Total Hip Replacement Prosthesis System, DePuy.

Red blood cell count in revision total knees.

Influence of pelvic motion on hip instability.

Early failure in unicondylar arthroplasty.

Gender differences in anterior condylar anatomy.

Why do revision hips fail?

Fate of Zone II Lucencies.

Why do revision knees fail?

MRI Study to evaluate osteolysis in marathon vs metal on metal hips

Prevalence of instability following 2-stage reimplantation for peri-prosthetic hip infections

Comparison of functional outcomes in articulating spacers vs static spacers in revision TKA for sepsis

Surgical treatment for Flexion Contractures following total knee arthroplasty

The obesity epidemic: It's effect on total joint arthroplasty

Importance of a balanced gap technique in rotating platform knees

Revisions of revision total hip arthroplasty

Revisions of revision total knee arthroplasty

Functional improvement of articulating spacers vs. static spacers in infected TKA

OrthoPAT Knee Study

OrthoPAT Hip Study

AWARDS:

John N. Insall Traveling Fellow, presented by The Knee Society and The John N. Insall Foundation

Ranawat Award for outstanding clinical paper, "A Comparison of Articulating vs. Static Spacers in Revision Total Knee Arthroplasty for Sepsis", presented at The Knee Society, 2000.

Thomas M. Savage Memorial Award - Most Outstanding Member of the College of Medicine Class of 1989.

CONTINUING MEDICAL EDUCATION

- 63rd AAOS Annual Meeting, Atlanta, GA February 22 – 26, 1996 (28.5 hours, Category 1)
- Hip Society, Atlanta, GA February 25, 1996 (7 hours, Category 1)
- AAHKS Sixth Annual Fall Meeting, Dallas, Texas, November 8-10, 1996 (10.5 hours, Category 1)
- Knee Society, San Francisco, CA February 16, 1997 (8 hours, Category 1)
- AAOS 64th Annual Meeting, San Francisco, California, February 13-17, 1997, (29.5 hours, Category 1)
- Controversies and Clinical Management in Hip and Knee Reconstruction, Vail, Colorado, March 14-17, 1997, (12 hours, Category 1)
- Joint Replacement 1997: Engineering & Biology, Pinehurst, North Carolina, May 28-31, 1997, (14.5 hours, Category 1)
- Orthopaedic Surgery, Medical Mutual Group, Chapel Hill, NC, August 28, 1997, (2 hours, Category 1)
- SC/NC Orthopaedic Joint Annual Conference, Charleston, SC, September 26 – 27, 1997 (6 hours, Category 1)
- Eastern Orthopaedic Association, 28th Annual Meeting, Scottsdale, AZ, October 15 – 19, 1997 (10.75 hours, Category 1)
- Knee Society/Hip Society – American Association of Hip and Knee Surgeons 1998 Specialty Day Meeting, New Orleans, LA March 22, 1998 (8 hours, Category 1)
- American Academy of Orthopaedic Surgeons – 65th Annual Meeting – New Orleans, LA March 19 – 23, 1998 (26.5 hours, Category 1)
- 17th Annual Meeting, Arthroscopy Association of North America, April 30 – May 3, 1998 (15.75 hours, Category 1)
- Sports Medicine and Total Knee Symposium, New York, NY (14 hours, Category 1)
- Education and Design – Outcomes in Orthopaedic Surgery, Vail, Colorado, March 17 – 21, 1999 (12 hours, Category 1)
- Advancements in Total Hip and Knee Arthroplasty, Chicago, Illinois, June 4-5, 1999 (9 hours, Category 1).
- The Masters Experience, Orthopedic Learning Center, Rosemont, Illinois, August 20-22, 1999 (20.25 hours, Category 1)
- Advanced Techniques in Hip, Knee and Shoulder Reconstruction, Hilton Head, South Carolina, September 30-October 3, 1999 (12 hours, Category 1)
- AAHKS 9th Annual Fall Meeting, Dallas, TX, November 12-14, 1999 (13.5 hours, Category 1)
- Joint Replacement 2000: Optimizing Outcomes, Pinehurst, North Carolina May 11-13, 2000 (11 hours, Category 1)
- The Otto E. Aufranc Reunion: New England Baptist Hospital, Boston ,MA, May 21, 2000 (3.5 hours, Category 1)
- American Association of Hip and Knee Surgeons Annual Meeting, Dallas, Tx. November 3-5, 2000 (14 hours, category 1)
- Southern Orthopaedic Association Hot Topics in Cold Weather, Park City, Utah, February 4-9, 2001 ()
- Contemporary Techniques and Issues in Orthopaedics, Vail, Co, February 9-12, 2001 ().
- American Academy of Orthopaedic Surgeons 68th Annual Meeting, San Francisco, Ca, February 28-March 4, 2001 (20 hours, Category 1)
- Revision Hip and Knee Surgery Meeting, Deer Valley, Utah, July 19-22, 2001 ().
- Concepts and Controversies in Arthroplasty and Sports Medicine, Pinehurst, NC, September 27-29, 2001 (11.5 hours, Category 1)
- American Association of Hip and Knee Surgeons 10th Annual Meeting, Dallas, Tx. November 9-11, 2001 (14 hours, Category 1).
- American Association of Orthopaedic Surgeons Revision Hip Surgery Course, Rosemont, Il, November 30-December 2, 2001. (22 hours, Category 1)
- American Academy of Orthopaedic Surgeons 69th Annual Meeting, Dallas, Tx. February 13-17, 2002 (28 hours, Category 1)
- AAHKS-AAOS Specialty Day, Dallas, Tx. February 16, 2002 (8 hours, Category 1)
- American Academy of Orthopaedic Surgeons 70th Annual Meeting, New Orleans, LA February 5-9, 2003 (28 hours, Category 1)

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CURRICULUM VITAE

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- AAHKS-AAOS Specialty Day, New Orleans, LA February 8, 2003 (*8 hours, Category I*)
- “Orthopedic Trauma Conference” Memorial Health University Medical Center, Savannah, GA, July 16, 2003 (*1 hour, Category I*)
- American Association of Hip and Knee Surgeons 13th Annual Meeting, Dallas, Tx, October 31-November 2, 2003 (*13 Hours, Category I*)
- American Association of Orthopaedic Surgeons Minimally Invasive Hip Replacement Course, Rosemont, IL May 7-8, 2004 (*12 hours, Category I*)
- *Intellyst* Medical Communications: ‘Contemporary Techniques in Total Hip & Knee Arthroplasty’, Grand Lake Lodge, Nisswa, MN June 24-27, 2004 (*10 hours, Category I*)
- American Academy of Orthopaedic Surgeons 72nd Annual Meeting, Washington, DC February 23-27, 2005 (*28 hours, Category I*)
- Transforming Orthopaedics: Technology for Improved Surgical Outcomes, Whistler, British Columbia, Canada March 9-13, 2005 (*18.5 hours, Category I*)
- MIS meets CAOS, Less and Minimally Invasive Surgery for Joint Arthroplasty: Fact and Fiction, Indianapolis, Indiana May 19-21, 2005 (*19 hours, Category I*)
- Minimally Invasive Hip Surgery: Minimal Tissue Trauma and Enhanced Recovery, Rosemont, IL June 25-25, 2005 (*12 hours, Category I*)
- Oscar Miller Day 2005 Symposium: Current Concepts in Hip Arthritis, Charlotte, NC October 21, 2005 (*6.25 hours, Category I*)
- Current Concepts in Joint Replacement-Winter 2005, Orlando, FL December 15-17, 2005 (*10.0 hours, Category I*)
- Intelligent Hip Surgery Course, Hamburg, Germany March 1-3, 2006 (*24 hours, Category I*)
- American Academy of Orthopaedic Surgeons 73rd Annual Meeting, Chicago, IL, March 22-26, 2006 (*31.0 Hours, Category I*)
- Knee Society Events of AAOS, Chicago, IL, March 25, 2006 (*8.0 Hours, Category I*)