

**Date Updated:** August 28, 2012

**Name:** Daniel Michael Ward, M.D.

**Title:** Attending Orthopedic Surgeon, New England Baptist Hospital  
Clinical Assistant Professor, Tufts University School of Medicine

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**Education:**

<b>Year</b>	<b>Degree</b>	<b>Institution</b>
1987	Diploma	Regis Jesuit High School Denver, CO
1991	B. S.	University of Notre Dame Notre Dame, IN
1991-92		Program for Masters in Biology Saint Louis University School of Medicine, Saint Louis, MO
1996	M. D.	Saint Louis University School of Medicine Saint Louis, MO

**Postdoctoral Training:**

<b>Year</b>	<b>Title</b>	<b>Specialty</b>	<b>Institution</b>
1996-1997	Intern	General Surgery	Cleveland Clinic Foundation Cleveland, OH
1997-2001	Resident	Orthopedic Surgery	Cleveland Clinic Foundation Cleveland OH
2001-2002	Fellow	Adult Reconstruction	Otto Aufranc Fellowship in Adult Reconstruction, Boston, MA

**Licensure and Certification:**

<b>Year</b>	<b>License or Certification</b>
1997-2001	Medical License, State of Ohio
2001	Medical License, State of Massachusetts

2002-2006	Medical License, State of Colorado
2004-present	Board Certification, American Board of Orthopedic Surgery
2006-present	Fellow, American Academy of Orthopedic Surgeons
2005-present	Medical License, State of Massachusetts

**Academic Appointments:**

<b>Year</b>	<b>Title</b>	<b>Department</b>	<b>Institution</b>
2011-present	Clinical Assistant Professor	Orthopedic Surgery	Tufts University School of Medicine, Boston, MA
2001-2002	Clinical Instructor	Orthopedic Surgery	Tufts University School of Medicine, Boston, MA

**Hospital Appointments:**

<b>Year</b>	<b>Title</b>	<b>Department</b>	<b>Institution</b>
2000-2001	Resident	Orthopedic Surgery	Cleveland Clinic Foundation Cleveland, OH
2001-2002	Fellow	Orthopedic Surgery	New England Baptist Hospital Boston, MA
2002-2005	Staff Physician	Orthopedic Surgery	Longmont United Hospital Longmont, CO
2002-2004	Courtesy Privileges	Orthopedic Surgery	Avista Adventist Hospital Louisville, CO
2002-2004	Courtesy Privileges	Orthopedic Surgery	Boulder Community Hospital Boulder, CO
2004-2005	Staff Physician	Orthopedic Surgery	Exempla Good Samaritan Medical Center Lafayette, CO
2005-present	Attending Surgeon	Orthopedic Surgery	New England Baptist Hospital Boston, MA

**Awards and Honors:**

<b>Year</b>	<b>Award</b>	<b>Institution</b>
2009	Otto Aufranc Fellowship Teaching Award	New England Baptist Hospital Boston, MA

2011	Otto Aufranc Fellowship Teaching Award	New England Baptist Hospital Boston, MA
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**Awards and Honors:**

1991	Heavy Weight Champion, Boxing	University of Notre Dame
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1987-89	Varsity Athlete, Baseball	University of Notre Dame
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**Committee Assignments:**

<b>Year</b>	<b>Committee</b>	<b>Role</b>	<b>Institution</b>
1999-2001	House Staff Association	Orthopedic Surgery Representative	Cleveland Clinic Foundation Cleveland, OH
2000, 2001	Orthopedic Resident Selection Committee	Resident Member	Cleveland Clinic Foundation
2003,04,05	Exempla Good Samaritan Medical Center Medical Executive Committee	Physician Member	Exempla Good Samaritan Medical Center Lafayette, CO
2004,2005	Exempla Good Samaritan Medical Center Credentialing Committee	Physician Member	Exempla Good Samaritan Medical Center Lafayette, CO
2005-present	Otto Aufranc Fellowship Selection Committee	Member	New England Baptist Hospital Boston, MA
2005-present	Arthroplasty Committee	Member	New England Baptist Hospital
2009-present	Infection Control Committee	Member	New England Baptist Hospital
2010	Pain Management Committee	Chairman	New England Baptist Hospital
2010, 2011	Orthopedic Resident Selection Committee	Member	Tufts University School of Medicine Boston, MA

**Professional Societies:**

<b>Year</b>	<b>Society</b>	<b>Role</b>
2004-present	American Academy of Orthopedic Surgeons	Member, Fellow
2002-2005	Colorado Medical Society	Member

2002-2005	Boulder County Medical Society	Member
2005-2011	Massachusetts Medical Society	Member
2005-present	Eastern Orthopedic Association	Member
2001-2011	American Medical Association	Member

### **Teaching Responsibilities**

2005-present	Active Clinical Faculty,	Otto Aufranc Fellowship in Adult Reconstruction New England Baptist Hospital, Department of Orthopedic Surgery
2005-present	Active Clinical Faculty,	Tufts University School of Medicine, Department of Orthopedic Surgery Resident Training Program

### **Major Research Interests:**

2005-present	Total joint replacement research on hip and knee implants. Evaluation is for both primary and revision implants. The studies are post market evaluations to evaluate the clinical performance of both primary and revision hip implants. Both short and medium term follow up is being evaluated by valid and verified scoring systems which include the Harris Hip score, SF-36, established clinical exam findings, and independent radiographic review. All studies are currently established for a minimum of five years follow up, and recently extended to 10 years. Patients are initially followed on a yearly basis through five years recently extended to 7 and ten year radiographic and clinical follow up. Currently three studies are active and three in approval process for the Institutional Review Board. I am the Primary Investigator on five studies at our institution.
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### **Research Support:**

2011-present	Revision total knee replacement, Triathlon TS Total knee system, application pending IRB review
2011-present	Primary Total Hip replacement with a modular hip stem, application pending IRB review
2011-present	Primary Acetabular Cup, tritanium total hip system, application pending IRB review
2011-present	Ceramic Total Hip Replacement, 10-15 year clinical and radiographic follow-up. IRB submission process

2008-present	Revision Acetabular Reconstruction Shell, Primary Investigator (PI)
2007-present	Cross-linked polyethylene: clinical and radiographic follow-up. PI

Stryker Orthopedics through New England Baptist Hospital supports all above studies. All monies directly paid in support of these studies goes to New England Baptist Hospital. No monies for execution or support of these studies are paid to Daniel Ward, M.D.

2009-present	Prospective Randomized Three Arm Non-Inferiority Study of DVT in Total Hip and Knee Arthroplasty
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New England Baptist Hospital Department of Research is supporting an on going prospective randomized three arm study of fixed dose Coumadin, adjusted dose Coumadin, and Arixtra in a non-inferiority powered study in total hip and knee replacement. Study design was submitted for comment to the FDA, which was supportive of the research and design protocol. Currently a co-investigator with Dr. Murray Bern. Study currently 95% enrolled.

2008-present Early Results of an Uncemented Modular, Tapered, Fluted, Grit Blasted, Titanium alloy stem in Revision Total Hip Arthroplasty. Co-Investigator

Study completed. Data analysis.

2011-Present Prospective, Randomized, Double Blinded, Study of Single Shot versus Continuous Femoral Nerve Catheter in Total Knee Arthroplasty. Actively Enrolling Patients.

**Editorial Boards:**

2010 Guest Editor, Journal of Arthroplasty,

**Bibliography:**

**Refereed Papers:**

Claire E. Robbins, James V. Bono, M.D., Daniel M. Ward, M.D., M. Barry, J. Doren, A. McNinch, Effect of Preoperative Exercise on Postoperative Mobility in Obese Total Joint Replacement Patients, **Journal of Arthroplasty**, 7;33(9): 666. Doi: 10.3928/01477447- 20100722- 09, September, 2010

Claire E. Robbins, Benjamin E. Bierbaum and Daniel M. Ward, Total Hip Arthroplasty: Day of Surgery Physical Therapy Intervention, *Current Orthopaedic Practice*, January/February 2009

Nitin B. Jain, M.D., MSPH, Elena Losina, PhD, Daniel M. Ward, M.D., Mitchell B. Harris, M.D., and Jeffrey M. Katz, M.D., M.S., Trends in Surgical Management of Femoral Neck Fractures in the United States, **Clinical Orthopedics and Related Research**, 466 (12): 3116-3122, December, 2008

S. Kelly, Claire E. Robbins, Benjamin E. Bierbaum, M.D., James V. Bono, M.D., Daniel M. Ward, M.D., Use of a Hydroxyapatite-coated Stem in Patients with Dorr Type C Femoral Bone, **Clinical Orthopedics and Related Research**, 465: 112-6, December, 2007

*Evaluation of Spinout Force and Contact Area of Penetration of Arc-Depo and Tritanium Coated Acetabular Shells*, Ward, Daniel, Thakore, Mayur, Yanoso, Laura, Lusardi Anthony; Trust, Robert; Choitharamani, Hitesh. Internal Technical Paper, Stryker Orthopedics, October, 2006.

Benjamin E. Bierbaum, M.D., Daniel Kuesis, M.D., Daniel M. Ward, M.D., Jefferson Craig Morrison, M.D., James Nairus, M.D., Ceramic on Ceramic Bearings in Total Hip Arthroplasty, **Clinical Orthopedics and Related Research**, (405): 158-63, December, 2002

Brain G. Donley, M.D., Daniel M. Ward, M.D., Implantable Stimulation in High Risk Hind-Foot Fusions, **Foot and Ankle International**, 23(1):13-8, January 2002

Benjamin E. Bierbaum, M.D., Daniel Kuesis, M.D., Daniel M. Ward, M.D., Jefferson Craig Morrison, M.D., James Nairus, M.D., Ceramic on Ceramic in Total Hip Arthroplasty, **Seminars in Arthroplasty**, 16:31-36, 2001

**Abstracts:** Claire E. Robbins, James V. Bono, M.D., Stephen B. Murphy, M.D., Daniel M Ward, M.D., Carl Talmo, M.D, *Examination of an Accelerated Total Hip Arthroplasty Protocol: Does the Patient Benefit?* Accepted for podium presentation, AAOS Annual Meeting, 2012.

*Effect of Preoperative Exercise on Postoperative Mobility in Obese Total Joint Replacement Patients*, Podium Presentation, American Academy of Orthopedic Surgery, New Orleans, LA, 2010

Stephen B. Murphy, M.D., Daniel M. Ward, M.D., *Absence of Femoral Endosteolysis with Proximal HA Proximal HA Coating*, American Academy of Orthopedic Surgery, 70 Annual Meeting, Feb. 5-9. New Orleans, LA

Stephen B. Murphy, Daniel M. Ward, M.D., *Alumina Ceramic-Ceramic Total Hip Arthroplasty, in Young Patients*, American Academy of Orthopedic Surgery, 70 Annual Meeting, New Orleans, LA

Stephen B. Murphy, Benjamin E. Bierbaum, M.D., Yett Harris, M.D., Keggi Kristaps, Jonathan P. Garino, M.D., Eric L. Hume, M.D., Daniel M. Ward, M.D., *US Experience with Alumina Ceramic-Ceramic Total Hip Arthroplasty*, American Academy of Orthopedic Surgery, 70 Annual Meeting, Feb 5-9. New Orleans, LA.

**Invited Lectures:**

Daniel M. Ward, M.D., *Cadaveric Review of Modular and Hinge Total Knee Arthroplasty*, Clinical Indications, Arthroplasty Fellows Lab, Waltham, MA, June 2011.

Daniel M. Ward, M.D., *Contemporary Management of Periprosthetic Fractures of the Hip*, Tufts Orthopedic Resident Lecture Series, April, 2011.

Daniel M. Ward, M.D., Clinical Lab Instructor, Hip Arthroscopy, Advanced Techniques, Mahwah, NJ April, 7-8, 2011

Daniel M. Ward, M.D., *Revision THR, Concepts and Use of the Restoration Modular Hip System*, Surgical training course, Waltham, MA, March, 2011.

Daniel M. Ward, M.D., Chairman, Live Surgery Symposium: Hip and Knee Reconstruction, Boston, MA December, 2010

Daniel M. Ward, M.D., *Modular Necks in Primary Hip Replacement*, Live Surgery Symposium: Hip and Knee Reconstruction, Boston, MA, December, 2010

Daniel M. Ward, M.D., *Extended Trochanteric Osteotomy*, Live Surgery Symposium: Hip and Knee Reconstruction, Boston, MA, December, 2010

Daniel M. Ward, M.D., *Classification and Implant Selection in Revision Total Hip Replacement*, Tufts Orthopedic Resident Lecture Series, October, 2010.

Daniel M. Ward, M.D., *Revision Total Hip Surgery with a Modular Femoral Component*, State of the Art in Orthopedics, Millenium Meeting, India, October, 2010. (Video Tele-conference)

Daniel M. Ward, M.D., *Outcomes in Acetabular On-growth and IN-growth Components*, Surgical Symposium, Las Vegas, Nevada, July, 22 and 23, 2010

Daniel M. Ward, M.D., *Cross-Linked Polyethylene in Total Hip Arthroplasty*, Surgical Symposium, Las Vegas, Nevada, July 22 and 23, 2010.

Daniel M. Ward, M.D., *Surgical Cadaveric Demonstration for Modular femoral and Acetabular Components in Total Hip Arthroplasty*, Surgical Symposium, Las Vegas, Nevada, July 22 and 23, 2010.

Daniel M. Ward, M.D., *Surgical Training Course for Primary and Revision Total Knee Arthroplasty, Triathlon Knee System, Early Results*, Fort Lauderdale, FL, June 4,5, 2010.

Daniel M. Ward, M.D., *Surgical Training Course for Primary and Revision Total Knee Arthroplasty, X-3 Polyethylene Bearing*, Fort Lauderdale, FL, June 4,5, 2010.

Daniel M. Ward, M.D., Surgical Training Course for Primary and Revision Total Knee Arthroplasty, *Triathlon Total Stabilizer Knee System, Design Rationale and System Options*, Fort Lauderdale, FL, June 4,5, 2010

Daniel M. Ward, M.D., Chairman, Total Hip Components Training Program, *Principles of Acetabular Fixation*, Fort Lauderdale FL, May 15, 2010.

Daniel M. Ward, M.D., Chairman, Total Hip Components Training Program, Surgical Procedures Demonstration, Fort Lauderdale FL, May 15, 2010

Daniel M. Ward, M.D., *Revision Total Knee Replacement, Clinical Indications*, Tufts Orthopedic Resident Lecture Series, April, 2010.

Daniel M. Ward, M.D., *Early Wear Data on Alumina Ceramic on Cross-Linked Polyethylene*, International Society for Technology in Arthroplasty, 22<sup>nd</sup> Annual Congress, Big Island, HI, October 22-24, 2009

Daniel M. Ward, M.D., *A Proximal Femoral Neck, Fine Tuning Stability*, Live Surgery Symposium, Hip and Knee-Primary and Revision, May 1, 2009.

Daniel M. Ward, M.D., *Pain Management Protocol for Total Knee Arthroplasty*, Live Surgery Symposium, Hip and Knee-Primary and Revision, May 1, 2009.

Daniel M. Ward, M.D., *Concepts in Total Hip Arthroplasty*, Spaulding Rehabilitation Hospital, Boston, MA, December, 2008.

Daniel M. Ward, M.D., *Advanced Technologies in Total Hip and Knee Surgery, Revision Femoral Component in Total Hip Replacement*, Boston, MA, November, 2008

Daniel M. Ward, M.D., *Advanced Technologies in Total Hip and Knee Surgery, Modular Femoral Components*, Boston, MA, November, 2008

Daniel M. Ward, M.D., *Basics of Hip Arthroscopy*, Boston Sport and Shoulder Symposium, Waltham, MA, Oct. 24,25, 2008.

Daniel M. Ward, M.D., *Management of Periprosthetic Fractures of the Hip*, Tufts Orthopedic Resident Lecture Series, Boston, MA, October, 2008.

Daniel M. Ward, M.D., Orthopedic Resident Hip Training Series, *Indications for Primary Total Hip Replacement*, Mahwah NJ, Sept. 15, 2008

Daniel M. Ward, M.D., *Advanced Technology in Total Hip and Total Knee Surgery, Bilateral Knees, a Staged Approach*, Boston, MA, November 16, 2007

Daniel M. Ward, M.D., *Advances in Surgical Technologies, Modular Restoration System, Clinical Application*, Boston, MA, November 16, 2007

Daniel M. Ward, M.D., *Advances in Surgical Technologies, Hinge Knees in Revision Total Knee Arthroplasty*, Boston, MA, November 16, 2007

Daniel M. Ward, M.D., *Advances in Surgical Technology, Achieving Anatomic Restoration in Total Hip Arthroplasty*, Instructional Course Faculty, New York, New York, November 29, 2007

Daniel M. Ward, M.D., *Periprosthetic Fractures of the Hip*, 15<sup>th</sup> Annual Perspectives in Total Joint Arthroplasty, October 12,13 Fall River, Kansas, 2007.

Daniel M. Ward, M.D., *Ceramic on Ceramic Bearings in Total Hip Arthroplasty*, 15<sup>th</sup> Annual Perspectives in Total Joint Arthroplasty, October 12,13 Fall River, Kansas, 2007.

Daniel M. Ward, M.D. and Benjamin E. Bierbaum, M.D., *Alumina Ceramic on Ceramic: Current Trends*, Presented by Daniel M. Ward, M.D., Eastern and Southern Orthopedic Association, Victoria, British Columbia, August 2-4, 2007

Daniel M. Ward, M.D., *Ceramic-Ceramic Articulation*, Eastern Orthopedic Founders Circle Lecturer, Eastern and Southern Orthopedic Association, Victoria, Canada, August 2-4, 2007

Daniel M. Ward, M.D., *THA in the Obese Patient, How Heavy is too Heavy?*, State of the Art in Orthopaedics, Snowmass, CO, March 20-23, 2007

Daniel M. Ward, M.D., *Techniques in Revision TKR, Component Removal*, State of the Art in Orthopaedics, Snowmass, CO, March 20-23, 2007

Daniel M. Ward, M.D., *Indications for Constrained Knee Prosthesis*, Advanced Techniques in Total Hip and Knee Replacement, Boston, MA, December 2006

Daniel M. Ward, M.D., *Femoral Component Revision in Total Hip Replacement*, Advanced Techniques in Total Hip and Knee Replacement, Boston, MA, December 2006

Daniel M. Ward, M.D., *Modular Restoration Stem in Revision Total Hip Replacement*, Advanced Technologies in Arthroplasty, Boston, MA, November 2006

Daniel M. Ward, M.D., *New Materials for Bearing Surfaces*, MIS Joint Replacement Program, Boston, MA, November 9, 2006.

Daniel M. Ward, M.D., *State of the Art in Arthroplasty*, Grand Rounds, Lowell General Hospital, Lowell, MA, January, 2006

Daniel M. Ward, M.D., *Pain Management and the MIS Knee*, MIS Joint Replacement Program, Boston, MA, November 9, 2006

Steven B. Zelicof, M.D., Ph.D., Edward J. Hellman, M.D., Kirby Hitt, M.D., Daniel M. Ward, M.D., Faculty Panel, Revision Total Hip , State of the Art in Orthopedics, Snowbird, Utah, February 6-13, 2004

Daniel M. Ward, M.D., *Total Knee Arthroplasty and Management of Periprosthetic Fractures*, Grand Rounds, New England Baptist Hospital, Boston, MA, July 3, 2002

Michael Mason, D.O., Daniel M. Ward, M.D., *Femoral Component Revision*, State of the Art in Orthopedics, Whistler, BC, Canada March 17-23, 2002.

Benjamin E. Bierbaum, M.D., Daniel M. Ward, M.D., *Ceramic on Ceramic*, State of the Art in Orthopedics, Whistler BC, Canada, March 17-23, 2002

Brian G. Donley, M.D., Daniel M. Ward, M.D., *Implantable Electrical Stimulation in High Risk Hind-Foot Fusions*, American Orthopaedic Foot and Ankle Society, San Diego, CA, July 19-21, 2001

Daniel M. Ward, M.D., *Biomaterials in Total Joint Arthroplasty*, Orthopaedic Grand Rounds, Cleveland Clinic Foundation, Cleveland, OH, February 19, 2001



Daniel M. Ward, M.D., Periprosthetic Fractures After Total Knee Arthroplasty, Orthopaedic Grand Rounds, Cleveland Clinic Foundation, Cleveland, OH, January 29, 2001

Daniel M. Ward, M.D., John Wilber, M.D., Tibial Shaft Fractures: Closed Treatment, Orthopaedic Grand Rounds, Metro Health Medical Center, Cleveland, OH, June, 2000

Brian G. Donley, M.D., Daniel M. Ward, M.D., Electrical Stimulation in High Risk Hind-Foot Fusions, Mid-America Orthopaedic Association, Scottsdale, AZ, April 26-30, 2000

Daniel M. Ward, M.D., John Davis, Jr., M.D., Occiput to C2: Evaluation and Fracture Management, Orthopaedic Grand Rounds, Metro Health Medical Center, Cleveland, OH, January, 1998

**Non-print publications:**

Live Surgical Video, Advanced Techniques in Total Hip and Knee Surgery, Primary Rejuvenate femoral component and ADM cup, Boston, MA, December 2010.

Live Surgical Video, Advanced Techniques in Total Hip and Knee Surgery, Primary Rejuvenate femoral component and Tritanium/x-3/delta ceramic, Boston, MA, and teleconference to Mawah, NJ, December 2008

Live Surgical Video, Advanced Techniques in Total Hip and Knee Surgery, Revision femoral component with transverse osteotomy and revision acetabulum, Boston, MA, November 2007

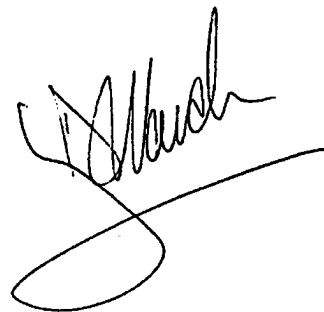
Live Surgical Video, Advanced Techniques in Total Hip and Knee Surgery, Revision femoral component with extended trochanteric osteotomy and primary acetabulum, Boston, MA, November 2006

Live Surgical Video, Advanced techniques in Total Hip and Knee Surgery, Revision femoral and acetabular components, Boston, MA, November 2005.

**Product Development:**

Design and Cadaveric Testing: Stryker Orthopedics, Modular Rejuvenate Stem, 2005-2008.  
Pre-Market Testing, Modular Rejuvenate Stem, 2007.

Cadaveric Testing: Tritanium Wedges in Revision Total Hip Replacement, Stryker Orthopedics, 2011.

A handwritten signature in black ink, appearing to read "D. Ward", with a large, sweeping flourish underneath.