

CURRICULUM VITAE

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Name: Thomas J. Gill, IV, M.D.

Title: Chairman, Department of Orthopedic Surgery
St. Elizabeth's Medical Center
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New England Baptist Hospital
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Tufts Medical School

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Education:

1982 - 1986	A.B.	Harvard College Cambridge, MA
1986 - 1990	M.D.	Harvard Medical School Boston, MA

Postdoctoral training:

07/1990 - 06/1991 Hospital	Intern in Surgery	Massachusetts General Boston, MA
07/1991 – 06/1992 Surgery, NY	Resident in Orthopedic Surgery	The Hospital for Special New York,
07/1992 – 06/1996 MA	Resident in Orthopedic Surgery	Harvard Combined Orthopedic Residency Program, Boston,
07/1996 – 12/1996 Hospital MA	Chief Resident in Orthopedic Surgery	Brigham and Women's Boston,
01/1997 – 06/1997	Maurice E. Müller Fellow in Reconstructive Surgery	Bern, Switzerland
08/1997 – 07/1998 CO	Fellow in Sports Medicine and Shoulder Surgery	Steadman-Hawkins Clinic, Vail,

Licensure and Certification:

1996 - present	Massachusetts Board of Medicine	
2000 - 2010 Certification	American Board of Orthopedic Surgery	Board

1996 - present	Massachusetts Board of Medicine	
2000 - 2010 Certification	American Board of Orthopedic Surgery	Board
2011 - 2020 Certification	American Board of Orthopedic Surgery	Maintenance of
2013 - 2023	American Orthopedic Society for Sports Medicine	Certificate of Qualif
Added ication in Sports		Medicine

Academic Appointments:

1990-1991 School	Clinical Fellow in Surgery	Harvard Medical
1991-1992	Clinical Fellow in Orthopedic Surgery	Cornell University School of Medicine
1992-1996 School	Clinical Fellow in Orthopedic Surgery	Harvard Medical
1996	Staff Associate	Harvard Medical School
1997	Clinical Fellow	University of Bern, Switzerland
1998 - 2001 School	Instructor in Orthopedic Surgery	Harvard Medical
2001 - 2005 School	Assistant Professor of Orthopedic Surgery	Harvard Medical
2006 - 2014 School	Associate Professor of Orthopedic Surgery	Harvard Medical
2015 – present Medical School	Associate Professor of Surgery	Orthopedic Tufts

Hospital Appointments:

1998 - 2014	Assistant Orthopedic Surgeon General Department of Surgery , MA	Massachusetts Hospital, Boston
1999 - present Health	Consultant in Orthopedic Surgery	Harvard University Services
2009 – 2014 Women’s	Associate in Orthopedic Surgery	Brigham and Hospital
2014 - present		New England Baptist Hospital
2014 – present Hospital		Newton Wellesley
2015 – present	Chairman, Department of Orthopedic Surgery	St. Elizabeth’s Medical Center

Awards and Honors:

1982 - 1986	Magna Cum Laude in Biology
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1982 - 1986	Magna Cum Laude in Biology Phi Beta Kappa John Harvard Scholar Harvard College Scholar 1985 National Rowing Champion	
1995	Representative of the Knee Society for Best Paper at the 1995 American Orthopedic Association	“Total Knee Replacement Following High Tibial Osteotomy Versus Unicompartamental Knee Replacement”
1995	American Orthopedic Association / Zimmer Travel Award	Best Resident Paper
1997 fellowship	Maurice E. Müller Scholar	6 month travelling
1999 Elbow	Nominated for Neer Award	American Shoulder and Society Best Paper
1999 Society	Aircast Award for Clinical Science	American Orthopedic for Sports Medicine
2000	Research Award	Orthopedic Research and Education Foundation
2000 Hospital	Chief Resident’s Teaching Award	Massachusetts General
2001	Prof. Dr. Carlos Ottolenghi Award	Best Contribution to Research; XXXVIII Argentinean Meeting of Orthopaedics and Traumatology
2001	“Top Doctors for Women”	Boston Magazine
2002	“Top Doctors in Boston”	Boston Magazine
2002	“Best Doctors in America”	Best Doctors, Inc.
2002	“Who’s Who in America”	Marquis Who’s Who
2003 for	Excellence in Research Award	American Orthopedic Society
2004	Nominated for Neer Award	Sports Medicine American Shoulder and Elbow Society
2005 for	Hughston Award	American Orthopedic Society
2005	“Best Doctors in America”	Sports Medicine Best Doctors, Inc.
2006	Elected to American Orthopedic Association	
2006	“America’s Top Orthopedists	SLD Industries, Inc.
2007	“Top Doctors in Boston”	Boston Magazine
2008	Nominated for Teaching Award	Massachusetts General Hospital Department of Medicine
2009 Society for	O’Donoghue Sports Injury Research Award	American Orthopedic
2009	Partners in Excellence Award for Leadership and Innovation	Sports Medicine Partners Healthcare System
2009	“Best Doctors in America”	Best Doctors, Inc.
2010	Partners in Excellence Award	Partners Healthcare System
2011	“Best Doctors in America”	Best Doctors, Inc.
2011	“Top Doctors in America”	US News and World Report
2012	“Top 1% of Doctors in America”	US News and World Report
2012	“Best of Boston”	Boston Magazine
2012	Dr. Charles F. Gregory Memorial Lecturer	Dent of Orthopaedic Surgery

2012	“Top 1% of Doctors in America”	US News and World Report
2012	“Best of Boston”	Boston Magazine
2012	Dr. Charles F. Gregory Memorial Lecturer	Dept of Orthopaedic Surgery University of Texas Southwestern Medical Center at Dallas
2012	Ralph Wilson Gift Lecturer	Dept of Orthopaedic Surgery University of Buffalo
2013	“Top Docs”	Boston Magazine
2014	DePalma Orator	Thomas Jefferson University
2014	“Best Doctors in America”	Best Doctors, Inc.
2015	“Top Doctors in America”	Castle Connolly

Other Professional Positions:

1998 - 2012	Team Physician	Boston Bruins (NHL)
1998 - 2010 (MLS)	Team Physician	New England Revolution
2000 - 2014	Team Physician	Curry College, Milton, MA
2002	Medical Consultant	Charlestown Lacrosse
2005 - 2008	Consultant Team	Boston Lobsters Professional Tennis
2015 – present	Consultant	Boston Ballet
2016	Consultant	World Figure Skating Championships, Boston, MA

Major Administrative Assignments

Local

1999 - 2007	Director Education (Surgery)	Medical Student (Orthopedic Massachusetts General Hospital Massachusetts General Sports Medicine Fellowship Massachusetts General Sports Medicine Center Sports Medicine Service Massachusetts General Hospital Orthopedic Surgery Brigham and Women’s Hospital / Massachusetts General Hospital Health Center, Foxborough, MA
2004 – 2012	Fellowship Director	
2006 – 2012	Medical Director Hospital	
2007 – 2012	Chief	
2009 – 2012	Medical Director	
2014 – present	Director	Boston Sports Medicine and Research Institute
2015 – present	Medical Director for Orthopedic Research	Newton-Wellesley Hospital
2015 – present	Chairman	Department of Orthopedic Surgery St. Elizabeth’s Medical Center

Regional

1998 - 2014	Head/Team Physician	New England Patriots
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Regional

1998 - 2014 (NFL)	Head/Team Physician	New England Patriots
1999	Medical Director	Head Team Physician 2006-2014 WUSA Championship Game
1999	Venue Medical Director	Women's World Cup Soccer
1999	Medical Director	Major League Soccer
Championship 2000	Medical Director	Women's International Soccer Gold
Team Cup 2000- present Weston, MA	Head Team Physician	Weston High School,
2000	Medical Consultant	Charlestown Lacrosse
2001 - 2004 Club	Medical Director	Boston Breakers Soccer
2001	Medical Director	WUSA Championship Game
2001	Medical Director	Women's World Cup Soccer
2002	Co-Director	Harvard Medical School Care Course in Boston, MA
Primary Orthopedic Surgery,		
2002	Medical Director	WUSA Championship Game
2003	Medical Consultant	Charlestown Lacrosse
2003	Co-Director	Harvard Medical School Care Course in Boston, MA
Primary Orthopedic Surgery,		
2004	Venue Medical Director	Women's World Cup Soccer
2004	Co-Director	Harvard Medical School
Primary		Care Course in Orthopedic Surgery, Boston, MA
2005	Venue Medical Director	CONCACAF Gold Cup Soccer
2005	Co-Director	Harvard Medical School Primary Course in Orthopedic Surgery,
Care Boston, MA		
2005	Venue Medical Director	CONCACAF Gold Cup Soccer
2005 - 2008 Team Tennis	Medical Consultant	Boston Lobsters Professional
2005 - 2012	Medical Director	Boston Red Sox (MLB)
2006	Co-Director	Harvard Medical School Primary Course in Orthopedic Surgery,
Care Boston, MA		
2006	Director	New England Sports Medicine Course, Brewster, MA
Fellows		
2007	Venue Medical Director	CONCACAF Gold Cup Soccer
2007	Co-Director	Harvard Medical School Primary Course in Orthopedic Surgery,
Care Boston, MA		
2007	Venue Medical Director	CONCACAF Gold Cup Soccer
2008	Director	New England Sports Medicine Course, Brewster, MA
Fellows		
2008	Co-Director	Harvard Medical School Primary Course in Orthopedic Surgery,
Care Boston, MA		

2008 Care Boston, MA	Co-Director	Harvard Medical School Primary Course in Orthopedic Surgery,
2008 Sports Orthopedic	Co-Director	Harvard Medicine School Course: Medicine 2008 – Advances in Orthopedic Management and Radiology, Boston, MA
2009 Fellows MA	Director	New England Sports Medicine Course, Martha’s Vineyard,
2008 Care Boston, MA	Co-Director	Harvard Medical School Primary Course in Orthopedic Surgery,
2009 Sports Orthopedic	Co-Director	Harvard Medicine School Course: Medicine 2009 – Advances in Orthopedic Management and Radiology, Boston, MA
2010 Care Boston, MA	Co-Director	Harvard Medical School Primary Course in Orthopedic Surgery,
2010 Sports Orthopedic	Co-Director	Harvard Medicine School Course: Medicine 2010 – Advances in Orthopedic Management and Radiology, Boston, MA
2010 Fellows MA	Director	New England Sports Medicine Course, Martha’s Vineyard,
2011 Care Boston, MA	Co-Director	Harvard Medical School Primary Course in Orthopedic Surgery,
2011 Fellows MA	Director	New England Sports Medicine Course, Martha’s Vineyard,
2011 Sports Orthopedic	Co-Director	Harvard Medicine School Course: Medicine 2011 – Advances in Orthopedic Management and Radiology, Boston, MA
2012 Sports Orthopedic	Co-Director	Harvard Medicine School Course: Medicine 2012 – Advances in Orthopedic Management and Radiology, Boston, MA
2012 Care Boston, MA	Co-Director	Harvard Medical School Primary Course in Orthopedic Surgery,
2013 Playbook	Director	Sports Medicine and the NFL: The for 2013, American Orthopedic Society for Sports Medicine and NFL Team Physicians Society, Boston, MA
2013 Care Boston, MA	Co-Director	Harvard Medical School Primary Course in Orthopedic Surgery,

2013 Care Boston, MA 2014	Co-Director	Harvard Medical School Primary Course in Orthopedic Surgery, Harvard Medicine School Course: Medicine 2014 – Advances in
Sports Orthopedic		
2015 - present Soccer)	Medical Director	Orthopedic Management and Radiology, Boston, MA Boston Breakers (Major League
2015 - present Lacrosse)	Medical Director	Boston Cannons (Major League
2016 Course,	Co-Chairman	AAOS/AOSSM Board Review Chicago, IL
2016	Medical Director	Boston Ballet

National and International

2014 Advanced	Co-Director	Sports Medicine Fellows
2014 Shoulder	Director	Arthroscopy Course, Tampa, FL Innovative Concepts in
2015	Co-Chairman	Arthroscopy, Honolulu, HI American Orthopedic Society for Sports Medicine / American Association of Orthopedic Surgeons Review Course in Sports Medicine, Chicago, IL
2016	Co-Chairman	American Orthopedic Society for Sports Medicine / American Association of Orthopedic Surgeons Review Course in Sports Medicine, Chicago, IL

Committee Service

Local

1997 Orthopedic	Residency Selection Committee	Harvard Combined Residency Program
1998 – 2000 1998	Orthopedic Outreach Program Chairman	Massachusetts General Hospital Internal Review Committee
2000 – 2008	Director	Rheumatology Fellowship Program, Massachusetts General Hospital Orthopedic Clinical Clerkship Harvard Medical School
2000 – 2008	Medical Education Committee	Massachusetts General Hospital Department of Orthopedic Surgery Department of Orthopedic Surgery
2001 – 2004	Residency Selection Committee	Harvard Combined Orthopedic Residency Program
2002 – 2014	Operating Room Operations Hospital Committee	Massachusetts General

2002 – 2014	Operating Room Operations Hospital Committee	Massachusetts General Hospital
2002 – 2014	Same Day Care Unit Specialty Specific Operating Room Committee	Massachusetts General Hospital
2004 - 2007 Orthopedic Surgery	Billing Oversight Committee	Department of Massachusetts General Hospital Massachusetts General
2005 – 2014 Hospital	Medical Executive Committee	Ambulatory Surgical Center New England Baptist Care Center
2014 – present Outpatient	OR Executive Committee	Newton-Wellesley Hospital
2014 – present	Medical Director for Orthopedic Research	Department of Orthopedic Surgery, Tufts Medical School
2015 – present	Residency Selection Committee	New England Baptist Outpatient Care Center, Dedham, MA
2014 – present	Medical Executive Committee	

Regional

1986 - present College	Pre-Medical Committee	Eliot House, Harvard
1999 - 2003 Minimally Technology	Physicians Executive Committee	Harvard Center for Invasive
2004, 2005 Cure	Medical Chairman	Arthritis Foundation Walk for a
2007	Sports Medicine External Review Committee	Harvard College

National and International

2003 – 2008 Society for	Research Committee	American Orthopedic Sports Medicine
2004 – 2006 Orthopedic	Test Writing Task Force	American Board of Surgery
2009 – present	Industry Relations Committee	American Society for Sports Medicine; Chairman 2012 – present
2009 – present Sports	Education Committee	American Society for Medicine
2011 – present Orthopedic Alumni	Director	Harvard Combined Surgery Program Association
2013 - 2014 Physicians	Peer Review Committee	National Football League Society
2013 – present Orthopedic	Program Committee	American Academy of Surgeons
2015 – present Society for	Council of Delegates	American Orthopedic Sports Medicine

Teaching:

I have been actively involved in teaching and supervision of medical students and residents since I joined the Massachusetts General Hospital / Harvard Medical School faculty in 1998. I lectured and precepted regularly in the HMS course on core surgery and elective orthopedic surgery in the third-year. I am a regular lecturer and office-based teacher to the orthopedic residents in their Core lecture series, the internal medicine residents in their Ambulatory core lecture series, and the Spaulding psychiatry residents in their elective orthopedic rotations. Since 2014, I lecture and precept regularly in the Tufts Orthopedic Surgery Residency Program. I have also coproduced patient information videos and material content on knee and shoulder surgery and rehabilitation.

See **Local Teaching and Training** below for details.

Professional Societies:

1998 - 2014	National Football League Team Physicians Society
1998 - 2013	National Hockey League Team Physicians Society
1998 - 2009	Major League Soccer Team Physicians Society
1999 - present	American Orthopedic Society for Sports Medicine
1999 – present	Arthroscopy Association of North America
2001 – present	Thomas B. Quigley Society
2001 – present	American Academy of Orthopedic Surgeons
2005 – 2012	Major League Baseball Team Physicians Society
2005 – present	Herodius Society (Honor Society for Sports Medicine)
2007 – present	American Orthopedic Association

Grant Review Activities

2009 – present	Musculoskeletal Tissue Foundation
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Editorial Activities**Ad Hoc Reviewer**

1998 - present	American Journal of Sports Medicine
2000 – present	Journal of Bone and Joint Surgery
2006 – present	Clinical Orthopedics and Related Research
2011 - present	Knee Surgery and Sports Traumatology
2014 – present	Sports Health

Other Editorial Activities

2003 – 2009	Editorial Advisory Board	Journal of Knee Surgery
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Major Research Interests

My clinical and research interests and expertise revolve around sports related injuries, particularly knee and shoulder injuries. I receive referrals from colleagues locally, regionally, and nationally. My research activities have involved collaborations with the Biomechanics Laboratory, Tissue Engineering Laboratory, and Center for Regenerative Medicine (stem cell research) at the MGH; the Media Laboratory at MIT; the New England Patriots and the Boston Red Sox; and the Department of Human Evolutionary Biology at Harvard College. This broad collaborative research program has allowed me to investigate orthopedic issues that range from the basic scientific to the directly clinically applicable.

Funded and Unfunded Projects

Funded and Unfunded Projects

Past Research Activities

Funded

1999	Center for Innovative Minimally cultured	PI	\$ 93,721	Meniscal repair using
	Invasive Technologies			autologous chondrocytes and collagen matrix
1999	NFL Charities Grant	PI	\$101,000	Effect of posterior
	cruciate ligament			reconstruction on the biomechanics and contact pressures in the knee
1999	Wyeth-Ayerst Grant	PI	\$ 55,000	Clinical trial of hylan
	GF-20 in the			treatment of osteoarthritis
2000	OREF Research Award	PI	\$100,000	Effect of posterior cruciate
	ligament			techniques on knee kinematics and contact pressures
2001	Mitek Grant	PI	\$ 75,000	Biologic meniscal
	repair using cell-			seeded collagen scaffolds
2002	AO Grant	PI	\$ 72,000	Tissue engineering for
	cartilage			repair
2003	NFL Charities	PI	\$100,000	Optimization of
	posterior cruciate			ligament reconstruction in the knee
2004	Genzyme Investigational Grant	PI	\$310,000	Biologic meniscal repair
	using tissue			engineering techniques and allogenic cells
2004	NIH R-21	Investigator	\$275,000	In vivo ligamentous tension
	of the			knee
2005	NIH R-01	Investigator	\$1,200,000	In vivo posterior cruciate
	ligament			biomechanics
2005	AO Grant	PI	\$ 71,140	Engineered cartilage
	using a novel			photo-crosslinking
2007	Dept of Orthopedics	PI	\$ 20,000	Analysis of a novel
	split ACL graft			for double bundle reconstruction
2007	NFL Charities	PI	\$125,000	Tissue engineering for
	meniscus			repair
2008	Aper-Fix	PI	\$ 50,000	Analysis of a novel split
	ACL graft			for Double Bundle Reconstruction using the Aper-Fix Device
2008	DePuy Mitek	PI	\$130,000	Analysis of a novel
	single tunnel			double bundle ACL reconstruction
2009	NIH # R01AR055612	Investigator	\$2,000,000	In vivo ACL reconstruction
				biomechanics
2010	Major League Baseball	PI	\$ 50,000	Biomechanical analysis of

2010 Major League Baseball PI \$ 50,000 Biomechanical analysis of
 throwing Charities

Current Research Activities

Funded

2010 United States Department PI \$3,000,000 Photochemical gels in
 tissue of Defense engineering for cartilage repair
 2012 NFL Player’s Investigator \$100,000,000 Diagnosis and
 management of Association concussions

Unfunded

2013 Musculoskeletal Stem Cell Research Consortium Novel applications of stem
 cell biology for tendon, ligament, and cartilage repair. Translational group
 of scientists from MGH, MIT, and Harvard Stem Cell Institute
 2013 Osteoarthritis Research Consortium Seeks to identify the
 earliest changes of osteoarthritis in an effort to
 develop real-time interventions to prevent its progression. Consortium
 includes members from MGH, MIT, Harvard Medical School

1. Biomechanical analysis of patellofemoral re-alignment techniques
2. In vivo kinematics of the ACL and PCL
3. Optimization of surgical techniques for the ACL and PCL
4. Performance Analysis Center, Foxboro, MA – emphasis on the study of overhead throwing biomechanics for the shoulder and elbow
5. Clinical Research Program – surgical outcome studies
6. Diagnosis, Outcome and Prevention of Concussions

Local Teaching and Training

a. Harvard Medical School Courses

1999 – 2008; Clinical clerkship in orthopedic surgery – Harvard Medical School; Course Director, attending, and lecturer; 25-30 students per year; Director, OS501M.3 Orthopedics Clinical Clerkship; Director, OS502M.3 Adult Orthopedics. 5 hours per week.

1999 – 2008; HMS III Core surgery rotation; Director of orthopedic surgery content and elective rotations; 48 students per year. 5 hours per week.

b. Formal teaching

1995 Methods of stabilization of New England Fracture Boston,
 MA

1995	MA	Methods of Stabilization of	New England Fracture	Boston,
1997		Perspectives in trauma	Forum Grand Rounds Presentation	Brigham and Women's Hospital, Boston, MA
2004 – 2014		Department of Medicine Massachusetts	Ambulatory Lecture Program	General Hospital Boston, MA
2000– 2014		Harvard Combined Orthopedic Residency Program	Core Curriculum	Boston, MA
1998– 2014		Sports Medicine Conference Massachusetts	Fellowship	
1999		Current concepts in the surgical Massachusetts	Grand Rounds management of General Hospital,	General Hospital Boston, MA
2001		New Perspective on the Treatment of Articular Cartilage Injuries in the Knee	Partners HealthCare Physician's Day	Boston, MA
2003		Current Concepts in the Diagnosis Massachusetts	Grand Rounds Treatment of Posterior General Hospital,	Boston, MA
2004		Common Sports Injuries	Invited Speaker	Spaulding Rehabilitation Hospital, Boston, MA
2006		World Champion Healthcare: Boston, MA Alumni Council,	Harvard Medical Taking Care of the Boston Red Sox	
2008		Breakthroughs in Sports Medicine	Essex Country Club	Manchester,
2008		Rotator Cuff Tears in Athletes	Grand Rounds Speaker	Emerson Hospital,
2009		How I Became a Doctor	Weston High School Career Day	Concord, MA Weston, MA
2010		Careers in Medicine	Weston High School	Weston,
2010		The Role of Osteotomies in 2010	Career Day Grand Rounds Speaker	Carney Hospital,
2011		How to Teach Physical Exam at Series Massachusetts	Master Clinician the Bedside General Hospital	Milton, MA Boston, MA
2011		How I Beame an Orthopaedic Surgeon	Harvard Medical School	Boston, MA
2012		Why I Became a Physician	Weston High School Career Day	Weston,
2013		Being a Team Physician – The Good, The Bad, and The Ugly Boston, MA, 2013	Keynote Speaker Harvard College	Boston,
2014		The Business of Sports Medicine	University of Massachusetts	Lowell, MA
2014 – present		Tufts Orthopedic Residency Program Core Curriculum	Tufts Medical School	Boston, MA

2014	The Business of Sports Medicine	University of Massachusetts Lowell, MA	
2014 – present	Tufts Orthopedic Residency Program Core Curriculum	Tufts Medical School	Boston, MA
2014 – present	Sports Medicine Conference	Fellowship Curriculum	New England Baptist Hospital, Boston, MA
2015	The Business of Sports Medicine	University of Massachusetts Lowell, MA	

c. Clinical Supervisory and Training Responsibilities

- 1) Full-time advisory/supervisory for three to four clinical fellows in sports medicine per year
- 2) Academic Advisor for two Orthopedic residents per year
- 3) Research Advisor for one to two Research Fellows per year
- 4) Minority Faculty Development Program – advisor for HMS Visiting Clerkship Program
- 5) Thesis Advisor, Louis DeFrate, PhD program, MIT (graduated 2005)

d. Formally Supervised Trainees

1998-1999	Shinichi Shirota, MD	Visiting Fellow in Sports Medicine (Okinawa,	Chairman,
Dept of Japan)	Orthopedic Surgery,		Okinawa,
Japan			
2000-2001	Christopher Breen, M.D.	Fellow in Sports Medicine	
2000-2001	Christopher Carey, M.D.	Fellow in Sports Medicine	
2000-2001	David Smink, M.D.	Fellow in Sports Medicine	
2001-2002	Lars Richardson, M.D.	Fellow in Sports Medicine	Assistant
Professor,			Harvard
Medical			School
2001-2002	David Golden, M.D.	Fellow in Sports Medicine	
2001-2002	Craig Title, M.D.	Fellow in Sports Medicine	
2002-2003	Joseph Chase, M.D.	Fellow in Sports Medicine	
2002-2003	Steven Nuccion, M.D.	Fellow in Sports Medicine	
2002-2003	Bruce Stamos, M.D.	Fellow in Sports Medicine	
2003-2004	Matthew McClean, M.D.	Fellow in Sports Medicine	
2003-2004	Matthew Scuderi, M.D.	Fellow in Sports Medicine	
2003-2004	Andrew Stoeckl, M.D.	Fellow in Sports Medicine	
2004-2005	Shane Barton, MD	Fellow in Sports Medicine	
2004-2005	David Mayman, MD	Fellow in Sports	
Medicine	Associate Professor,		Cornell
University			
2004-2005	Joseph Czarnecki, MD	Fellow in Sports Medicine	
2005-2006	Peter Asnis, MD	Fellow in Sports Medicine	Instructor,
Harvard			Medical
School			
2005-2006	Eric Berkson, MD	Fellow in Sports Medicine	Instructor,
Harvard			Medical
School			

Harvard			Medical
School			
2005-2006	Jeremy Moses, MD	Fellow in Sports Medicine	
2006-2007	Dain Allred, MD	Fellow in Sports Medicine	Head Team
Physician,		(US Air Force)	US Air Force Academy
2006-2007	Nicholas Dutchesen, MD	Fellow in Sports Medicine	
2006-2007	Michael Gallagher, MD	Fellow in Sports Medicine	
2007-2008	Eiji Tomoyose, MD	Visiting Fellow in Sports Medicine (Okinawa, Japan)	
2007-2008	Joshua Alpert, MD	Fellow in Sports Medicine	
2007-2008	Matthew Griffith, MD	Fellow in Sports Medicine	
2007-2008	Doug Peterson, MD	Fellow in Sports Medicine	
		(US Navy)	
2008-2009	Luke Oh, MD	Fellow in Sports Medicine	Instructor,
	Harvard		
	School		Medical
2008 – 2009	Mark Price, MD	Fellow in Sports Medicine	Assistant
Professor,			University of
			Massac
husetts			
2008 – 2009	William Robertson, MD	Fellow in Sports Medicine	Chief,
Sports			
Medicine Service,			
			University of
Texas			Southwe
stern			
2008-2009	Karen Sutton, MD	Fellow in Sports Medicine	Assistant Professor, Yale
	University		
2009-2010	Amon Ferry, MD	Fellow in Sports Medicine	
2009-2010	Ralph Henn, MD	Fellow in Sports Medicine	Assistant Professor, University
	of		
			Mar
	yland		
2009-2010	Benton Heyworth, MD	Fellow in Sports Medicine	Instructor,
	Harvard		
	Medical School		
2010-2011	Jonathan Bravman, MD	Fellow in Sports Medicine	Assistant Professor, University
	of		
			Col
	orado		
2010-2011	Luke Choi, MD	Fellow in Sports Medicine	
2010-2011	Michael Clarke, MD	Fellow in Sports Medicine	
		(US Navy)	
2011-2012	Hasan Baydoun, MD	Fellow in Sports Medicine	
2011	Lance Leclere, MD	Fellow in Sports Medicine	Chief of
	Sports		Medi
	cine, US		
	Naval		Acad
	emy,		
	Annapolis,		
	MD		

	emy, Annapolis, MD		
2011-2012 Professor,	Sommer Hammoud, MD	Fellow in Sports Medicine	Assistant Thomas
Jefferson University			
2011-2012	Seth Jerabek, MD	Fellow in Sports Medicine	Assistant Professor, Cornell
	University		
2012-2013	F.Winston Gwathmey, MD Professor,	Fellow in Sports Medicine	Assistant University
	of Virginia		
2012-2013	Laura Wiegand, MD	Fellow in Sports Medicine	
2012-2013	Peter Vezeridis, MD Professor,	Fellow in Sports Medicine	Assistant UCLA
	Medical		
2013-2014	Guillaume Dumont, MD	Fellow in Sports Medicine	Assistant Professor, University Carolina
	of South		
2013-2014	Randy Cohn, MD	Fellow in Sports Medicine	
2013-2014	Amun Makani, MD	Fellow in Sports Medicine	
2014-2015	Darius Lin	Fellow in Sports Medicine	
2014-2015	Joshua Olsen	Fellow in Sports Medicine	
2014-2015	David Burnickel	Fellow in Sports Medicine	
2014-2015	John Maher	Fellow in Sports Medicine	

e. Laboratory/Research Trainees

All clinical fellows participate in my clinical outcomes research program, as well of my biomechanics and tissue engineering laboratories. I have close collaboration with basic scientists, graduate students, PhD students, and their training programs in biomechanics, tissue engineering and stem cell research.

f. Formal Teaching of Peers

Regional

1999 MA	Faculty	THA in DDH using the acetabular reinforcement ring with hook,	Boston, Harris Hip Course
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National

1995 FL	Presenter	A comparison of total knee arthroplasty after failed unicompartmental replacement and high tibial osteotomy, Presented Open Meeting of the Knee	Orlando,
			at Society, AAOS

at
Society, AAOS

Open Meeting of the Knee

Annual Meeting

1997	Instructor	Current concepts in high tibial osteotomy	Vail, CO
1997	Instructor	Arthroscopy Workshop	Vail, CO
1998	Instructor	The Science and Application of Electrothermal Arthroscopy	Kansas
City, MS			
1998	Instructor	Current Concepts in Reconstruction	Vail, CO
		and Trauma	
1995	Presenter	A comparison of total knee arthroplasty after failed unicompartmental replacement and high tibial osteotomy. Resident's Meeting of the American Orthopedic Association	Pittsburgh,
PA			
1995	Presenter	Assessment of neuroforaminal decompression in degenerative spinal stenosis." Poster presentation at	Atlanta, GA
		the AAOS.	annual meeting of the
1996	Presenter	Orthopedic Transactions, 20:1,232,1996 Long-term outcome following Bankart repair for anterior instability of the shoulder. Annual Meeting of Orthopedic	Colorado Travel
Springs, CO			
the American Association. AOA-Zimmer Award Paper			
1997	Presenter	Long-term outcome following Bankart repair for anterior instability of shoulder. Presented at the Meeting of	San
Francisco, CA			
the. 1997 Open the American Society of Surgeon's, AAOS.			Shoulder and Elbow
1997	Presenter	Hip Pain in the Athlete. Grand Rounds Presentation. Vail Valley Medical Center	Vail, CO
1998	Presenter	Intra-operative Assessment of Femoral Head Vascularity Following Femoral Neck Fracture." Presented at the 1998 Meeting of the AAOS	New
Orleans, LA			
1998	Presenter	The Treatment of Traumatic, Scottsdale, AZ Full-thickness Chondral Defects	
in Technique Results of Microfracture. at 1998 Fellows Arthroscopy			the Knee: Indications, and Long-term Presented
1998	Presenter	Indications and Long-term Clinical Conference	Boston,
MA			
		Results of Microfracture. Invited Faculty 2 nd Symposium of the International Cartilage Repair Society	
1998	Presenter	Injury Prevention in the Throwing Athlete. Steadman Hawkins Fellows Meeting	Vail, CO
1999	Presenter	The treatment of full-thickness cartilage defects in the knee: Indications, technique and long-term results of microfracture "	Anaheim, CA

1999	Presenter	The treatment of full-thickness cartilage defects in the knee: Indications, technique and long-term results of microfracture.” Presented at the 1999 meeting of the AAOS.	Anaheim, CA
1999 CA	Presenter	Injury Prevention in the Throwing Athlete.	Anaheim,
1999 CA	Presenter	Presented at the 1999 meeting of the AAOS Treatment and Outcome after Rotator Cuff Repair Complicated by Infection.” Presented at the 1999 Open Meeting of	Anaheim,
the 1999 CA	Presenter	A Validation of the Impingement Test in	Anaheim,
1999	Presenter	Predicting Outcome after Arthroscopic Subacromial Decompression. Presented at the 1999 Open Meeting of the ASES.	
1998 MA	Presenter	Incidence and location of bone bruises after acute posterior cruciate ligament injury. Presented at the AOSSM 25 th Annual Meeting, June 19, 1999.	
1999 MA	Presenter	Common Sports Injuries and Their Management. Grand Rounds Speaker, Spaulding Rehabilitation Center.	Boston,
1999 MA	Presenter	The treatment of full-thickness cartilage defects in the knee: Indications, technique and long-term results of microfracture, Speaker, The Lahey Clinic.	Burlington,
1999 MA	Presenter	The treatment of full-thickness cartilage defects in the knee: Indications, technique and long-term results of microfracture. Grand Rounds Speaker, University of Massachusetts	Worcester,
1999 1999	Faculty Faculty	AAOS Comprehensive Shoulder Course Athletic Knee Injuries Course, New	Rosemont, IL
2000 MA	Speaker	Frontiers in Cartilage Repair, New England Baptist Hospital The treatment of full-thickness cartilage	Worcester,
2000	Faculty	defects in the knee, Grand Rounds University of Massachusetts Primary Care for Subspecialists Course, Harvard Medical School,	Boston, MA
2000	Faculty	Hip, knee and foot pain Office Practice of Primary Care	
2000 MA School, 2000	Faculty	Medicine, Harvard Medical School, Shoulder Pain Musculoskeletal Program for Primary Care Physicians, Harvard Medical	Boston,
Knee, 2000	Faculty	Evaluation of the Knee Current Concepts in Reconstruction and Trauma About the Arthroscopic	

	Vail, CO		and Trauma About the
Knee, reduction and internal			Arthroscopic
			fixation of tibial plateau
fractures, 2000 Harvard The Evaluation and	Faculty Boston, MA	Advances in Rheumatology,	Medical School,
			Management of Shoulder
Pain 2000 Hospital, The Treatment Cartilage Injuries in the Knee 2000	Faculty Boston, MA	Athletic Knee Injuries Course, New England Baptist	of Articular
2000 Shoulder Pain, School	Faculty Boston, MA	Primary Care Internal Medicine: Principles and Practice, Neck and	Harvard Medical
2000 FL Head at the AAOS 2000 FL	Presenter	Biceps Tenodesis Versus Release for the Treatment of Pathology of the Long of the Biceps Brachii, Presented 2000 annual meeting of the	Orlando,
2000 FL	Presenter	The Role of Viscosupplementation in Osteoarthritis of the Knee, Wyeth-Ayerst Symposium on "Advancing the Basis of Orthopedic	Orlando,
Scientific Interventions 2000 FL	Presenter	Biceps Tenodesis Versus Release for the Treatment of Pathology of the Long of the Biceps Brachii, Presented at Biennial Meeting of the and Elbow	Miami,
the 2 nd American Shoulder Surgeons 2000 MA	Panel	The Changing Landscape of the Business of Sports, Harvard Business School	Boston,
2001 Reconstruction Physicians Meeting	Presenter Indianapolis, IN	The Biomechanics of PCL	NFL Team
2001 Francisco, CA	Presenter	Ruptures of the Distal Triceps Tendon in Football Players, Poster presentation, 2001 AOSSM Specialty Day	San
2001 Francisco, CA	Presenter	Effects of Medialization and Anteromedialization of the Tibial Tubercle on Patellofemoral Mechanics and Kinematics in Knees with Malalignment,	San
Patellofemoral Orthopedic Research			
		Society	
2001 Course, Shoulder and Knee, School	Faculty Boston, MA	Primary Care for Subspecialists	Examination of the
		Harvard Medical	
2001 Faculty	Office Practice of Primary Care Medicine, The Evaluation and Management of Shoulder Pain, Harvard Medical School		Boston, MA
2001 Faculty	Sports Medicine 2001: An NFL Perspective, NEI /AOSSM Team Physicians Course. The		Phoenix, AZ

2001 Faculty	Shoulder Pain, Harvard Medical School Sports Medicine 2001: An NFL Perspective, NFL/AOSSM Team Physicians Course, The Role of Autogenous Cartilage Transfer in the Treatment of Chondral Defects	Phoenix, AZ
2001 Faculty	Primary Care Orthopedics, Current Concepts in Sports Medicine, Harvard Medical School	Boston, MA
2001 Faculty	Comprehensive Approaches to Articular Cartilage Repair and Management, The Role of Microfracture in the Treatment of Chondral Defects	Carlsbad, CA
2001 Presenter	The Effect of Posterior Cruciate Ligament Reconstruction on Articular Contact Pressures in the Patellofemoral Joint, Open Meeting of the AOSSM, AAOS Annual Meeting	Dallax, TX
2001 Presenter	Diagnosis and Treatment of Articular Cartilage Injuries in the Knee, Presented at the 2001 American Physical Therapy Association Combined Sections Meeting	Boston, MA
2002 Faculty	Primary Care for Specialists, Evaluation of Shoulder and Knee Pain, Harvard Medical School	Boston, MA
2002 Faculty	Office Practice of Primary Care Medicine, Shoulder Pain, Harvard Medical School	Boston, MA
2002 Faculty	Pri-Med Symposium, Can't Miss Diagnoses in Orthopedic Surgery, Harvard Medical School	Boston, MA
2003 Moderator	Sports/Arthroscopy 1, AAOS 70 th Annual Meeting	New Orleans, LA
2003 Presenter	The Effect of the PCL on Knee Function at High Flexion Angles, ORS Annual Meeting	New Orleans, LA
2003 Presenter	Importance of the Effective Length of an Achilles Tendon Graft on its Structural Properties, ORS	New Orleans, LA
2003 Presenter	Variation of Patellofemoral Joint Contact Pressures after Posterior Cruciate Ligament Reconstruction, ORS	New Orleans, LA
2003 Presenter	A Computational Simulation of the Effect of Graft Stiffness on Anterior Cruciate Ligament Reconstruction, ORS	New Orleans, LA
2003 Presenter	Does PCL Reconstruction Restore Knee Kinematics?, AAOS	New Orleans, LA
2003 Speaker	Management of Shoulder Injuries in the Athlete, Grand Rounds, Tufts-New England Medical Center	Boston, MA
2003 Presenter	The Results of Arthroscopic Bankart Repair with and without Thermal Capsulorrhaphy, AAOS	New Orleans, LA
2003 Presenter	Anteromedialization versus Medialization for the Treatment of Patellofemoral Instability in the Knee: A biomechanical study, Annual meeting of AOSSM	San Diego, CA
2003 Faculty	4 th Annual Partners Physicians Day, Adolescent Sports Injuries	Boston, MA
2003 Faculty	Common Athletic Injuries and Disorders	Norwich, CT

2003 Faculty	4 Annual Partners Physicians Day, Adolescent Sports Injuries	Boston, MA
2003 Faculty	Common Athletic Injuries and Disorders (CME Course), Treatment of Chondral Defects in the Knee, Backus Hospital	Norwich, CT
2003 Faculty	Sports Medicine 2003: An NFL Perspective, NFL/AOSSM Team Physicians Course. The Rotator Cuff – Diagnosis and Management	San Francisco, CA
2003 Faculty	Musculoskeletal Radiology Conference, Surgical Treatment of Articular Cartilage Injuries, Harvard Medical School	Boston, MA
2003 Faculty	Primary Care Internal Medicine: Principles and Practice, Neck and Shoulder Pain, Harvard Medical School	Boston, MA
2004 Faculty	Office Practice of Primary Care Medicine, Shoulder Pain, Harvard Medical School	Boston, MA
2004 Faculty	Primary Care Internal Medicine: Principles and Practice, Shoulder Pain, Harvard Medical School	Boston, MA
2004 Faculty	Comprehensive Approaches to Articular Cartilage Repair and Management, The Role of Microfracture in the Treatment of Chondral Defects	Carlsbad, CA
2004 Presenter	The Case for Arthroscopic Shoulder Stabilization in the NFL, NFL Team Physicians Meeting	Indianapolis, IN
2004 Presenter	Anatomic Reconstruction of the Glenoid for Recurrent Anterior Shoulder Instability, Presented at the 2004 Open Meeting of the ASES, AAOS Annual Meeting	San, Francisco, CA
2004 Presenter	The Use of MRI to Assess Knee Cartilage Repair Tissue After Microfracture of Chondral Defects, Presented at AAOS	San Francisco, CA
2004 Presenter	Anatomic Reconstruction of the Glenoid for Recurrent Anterior Shoulder Instability, Presented at the AAOS	San Francisco, CA
2004 Presenter	The Effects of Medialization and Anteromedialization of the Tibial Tubercle on Patellofemoral Joint Kinematics and Contact Pressures, AAOS	San Francisco, CA
2005 Presenter	In Vivo Knee Ligament Function, Presented at AAOS	Washington, DC
2005 Presenter	The 3D Kinematics of the PCL during In-Vivo Weight-Bearing Flexion, ORS	Washington, DC
2005 Moderator	Osteotomy Symposium, AOSSM Annual Meeting	Keystone, CO
2005 Presenter	Adductor Release for the Treatment of Groin Pain in Athletes, AOSSM Annual Meeting	Keystone, CO
2005 Faculty	Practice of Primary Care Medicine, Shoulder Pain, Harvard Medical School	Boston, MA
2005 Faculty	Articular Cartilage Defects: The Role of Mosaicplasty and Microfracture, Instructional Course Lecture, Cartilage Injuries in Athletes, AAOS	Washington, DC
2005 Faculty	How to Do Research, AOSSM Research Committee Symposium	Keystone, CO

	Injuries in Athletes, AAOS	
2005 Faculty	How to Do Research, AOSSM Research Committee Symposium	Keystone, CO
2005 Faculty	Pri-Med Symposium, Evaluation of Shoulder Pain, Harvard Medical School	Boston, MA
2005 Faculty	Musculoskeletal Radiology Conference, Surgical Treatment of Articular Cartilage Injuries, Harvard Medical School	Boston, MA
2006 Faculty	Update in General Medicine for Subspecialists, Evaluation and Management of Shoulder, Elbow, Wrist and Hand Pain	Boston, MA
2006 Faculty	Articular Cartilage Defects: The Role of Mosaicplasty and Microfracture, Instructional Course Lecture, Cartilage Injuries in Athletes, AAOS	Chicago, IL
2006 Faculty	Fellows National Sports Medicine Conference, Arthroscopic vs. Open Rotator Cuff Repair	Palm Island, FL
2006 Faculty	AO ASIF Upper Extremity Course, SLAP Lesions – Assessment and Update	Newport, RI
2006 Faculty	Primary Care Internal Medicine: Principles and Practice, Shoulder Pain, Harvard Medical School	Boston, MA
2006 Faculty	Boston Shoulder and Sports Symposium, Microfracture and Mosaicplasty Strategies, New England Baptist Hospital	Boston, MA
2006 Speaker	Posterior Cruciate Ligament Injuries – Separating Fact from Fiction, Grand Rounds, Mt. Sinai Medical Center	New York, NY
2006 Presenter	In Vivo Kinematics of the Glenohumeral Ligaments, Presented at the Open Meeting of the American Shoulder and Elbow Surgeons	Chicago, IL
2006 Speaker	Posterior Cruciate Ligament Injuries – Separating Fact from Fiction, Grand Rounds Speaker, University of Kentucky	Lexington, KY
2007 Presenter	Knee Dislocations – Current Concepts and Controversies, NFL Team Physicians Society	Indianapolis, IN
2007 Presenter	The Use of Allografts in Sports Medicine, Presented at the 31 st Annual Meeting, American Association of Tissue Banks	Boston, MA
2007 Speaker	SLAP Lesions in Throwing Athletes, Invited Speaker, Maine Society of Orthopedic Surgeons	Bar Harbor, ME
2007 Speaker	The Treatment of Articular Cartilage Injuries in the Knee, Invited Speaker, Maine Society of Orthopedic Surgeons	Bar Harbor, ME
2007 Speaker	Complications of ACL Reconstruction, Invited Speaker, Maine Society of Orthopedic Surgeons	Bar Harbor, ME
2007 Speaker	Restoring Knee Function after Cruciate Ligament injury: Can Arthritis be Avoided?, Grand Rounds, Yale Orthopedic Residency Program	New Haven, CT
2007 Speaker	Restoring Knee Function after Cruciate Ligament injury: Can Arthritis be Avoided?	Providence, RI

2007 Speaker	Restoring Knee Function after Cruciate Ligament injury: Can Arthritis be Avoided?, Grand Rounds Speaker, Brown Orthopedic Residency Program	Providence, RI
2007 Faculty	Update in General Internal Medicine for Subspecialists, Shoulder, Elbow, Wrist, Hand Pain, Harvard Medical School	Boston, MA
2007 Faculty	Partners Physicians Day, Sports Medicine Update – Lessons Learned from Taking Care of Boston’s Teams	Boston, MA
2007 Faculty	Primary Care Internal Medicine: Principles and Practice, Shoulder and Neck Pain, Harvard Medical School	Boston, MA
2008 Faculty	Saratoga Sports Medicine Seminars 2008, Single vs. Double Bundle PCL Reconstruction, Management of Biceps Tendon Disease	Saratoga, NY
2008 Faculty	Update in General Internal Medicine for Subspecialists, Shoulder, Elbow, Wrist, Hand Pain, Harvard Medical School	Boston, MA
2008 Presenter	The Effect of ACL Deficiency and Reconstruction on the Patellofemoral Joint, Presented at AOSSM Specialty Day	San Francisco, CA
2008 Visiting Professor	The Thomas B. Dameron Center for Orthopedic Education. Management of MCL Injuries in Professional Hockey Players, and Injury to the Cruciate Ligaments – Can Arthritis be Avoided?	Raleigh, NC
2009 Speaker	Lower Extremity Stress Fractures, AOSSM Annual Meeting	Keystone, CO
2009 Speaker	Tibiofemoral and Patellofemoral Kinematics Following Reconstruction of an Isolated Posterior Cruciate Ligament Injury: In Vivo Analysis During Physiologic Loading. AOSSM Annual Meeting	Keystone, CO
2009 Faculty	Cherry Blossom Seminar – Arthroscopy and Arthroplasty 2009, Focal Cartilage Lesions: Marrow Stimulation Techniques, Osteochondral Replacement: Autograft/Allograft	Washington, DC
2009 Faculty	Update in General Internal Medicine for Subspecialists, Shoulder, Elbow, Wrist, Hand Pain, Harvard Medical School	Boston, MA
2010 Faculty	Update in General Internal Medicine for Subspecialists, Shoulder, Elbow, Wrist, Hand Pain, Harvard Medical School	Boston, 2010
2010 Faculty	American Physical Therapy Association, Differential Diagnosis of Throwing Injuries, Treatment of Throwing Injuries	Boston, MA
2010 Faculty	Primary Care Internal Medicine: Principles and Practice, Shoulder and Neck Pain, Harvard Medical School	Boston, MA
2010 Presenter	My Approach to Patellofemoral Instability, AOSSM Annual Meeting	Providence, RI
2010 Lab Instructor	The Wider Scope of Arthroscopy Fellowship Program, Smith and Nephew	Andover, MA

2010 Lab Instructor	The Wider Scope of Arthroscopy Fellowship Program, Smith and Nephew	Andover, MA
2010 Presenter	SLAP Tears in Patients over 40 Years of Age: Fix It, Cut It, or Tenodesis It?, Herodicus Society	Newport, RI
2011 Presenter	Operative Treatment of Recalcitrant Patellar Tendinopathy: Minimum 2-year Follow-Up, Paper Presentation AAOS	San Diego, CA
2011 Presenter	VisionScope in Office Diagnostic Imaging, Herodicus Society	Sun Valley, ID
2011 Faculty	Primary Care Internal Medicine for Subspecialists, Shoulder, Elbow, Wrist and Hand Pain, Harvard Medical School	Boston, MA
2011 Faculty	Primary Care Principals and Practices, Shoulder Pain Procedure and Instruction	Cambridge, MA
2011 Faculty	Graft Choice in the Athlete for ACL, 16 th Annual Boston Shoulder Symposium	Waltham, MA
2011 Speaker	Complications of ACL Surgery, Invited Speaker, New England Orthopaedic Society Fall Meeting	Boston, MA
2011 Speaker	Indications and Techniques for Articular Cartilage Resurfacing, Invited Speaker, New England Orthopaedic Society Fall Meeting	Boston, MA
2011 Speaker	Versus Arthroscopic Shoulder Stabilization, Invited Speaker, New England Orthopaedic Society Fall Meeting	Boston, MA
2012 Faculty	Innovative Concepts in Shoulder Arthroscopy, Invited Faculty, Latin-American Workshop	Tampa, FL
2012 Faculty	AOSSM Review Course, AC/SC/Fractures/Nerve Injuries/Vascular injuries to the Shoulder	Chicago, IL
2012 Faculty	Primary Care Internal Medicine for Subspecialists, Shoulder, Elbow, Wrist and Hand Pain, Harvard Medical School	Boston, MA
2012 Faculty	Partial Rotator Cuff Tears – When to Operate, What SLAP Tears are Important?, Management of Patellofemoral Instability and Pain, Minimally Invasive Procedures for Tendinopathy, Complex/Extreme Shoulder Injury Cases, Sports Medicine 2012 – Advances in Orthopedic Management and Radiology, Harvard Medical School	Boston, MA
2012 Faculty	Primary Care Internal Medicine: Principles and Practice, Shoulder and Neck Pain, Harvard Medical School	Boston, MA
2012 Presenter	Treatment of Knee Dislocations, Quigley Society	Kiawah Island, SC
2012 Presenter	The Effect of Meniscus Injury to Biomechanics of the ACL Deficient Knee, AOSSM Annual Meeting	Baltimore, MD
2012 Moderator	Articular Cartilage 2012, AOSSM Annual Meeting	Baltimore, MD
2012 Keynote	Charles F. Gregory Visiting Professor, University of Texas Southwestern Medical Center, Cruciate Ligament Injury: Can	Dallas, TX

	Charles P. Gregory Visiting Professor, University of Texas Southwestern Medical Center, Cruciate Ligament Injury: Can Arthritis be Avoided; Being a Team Physician – The Good, The Bad, and The Ugly	Dallas, TX
2012 Keynote	Ruth and Mary Wilson Visiting Professor, University of Buffalo Medical Center, The Biomechanics of ACL and PCL Injuries – Current Concepts in Reconstruction	Buffalo, NY
2013 Moderator	In Season Management of Shoulder Instability, Articular Cartilage Injuries in Football – Diagnosis and Management, Moderator – Pre-Participation Examinations, AOSSM/National Football League Physicians Society Sports Medicine and the NFL: The Playbook for 2013	Boston, MA
2013 Moderator	Conflict of Interest Scientific Session; Speaker, Watch Your Back: Conflict of Interest in Our Universe, AOSSM Annual Meeting	Chicago, IL
2013 Speaker	ACL Reconstruction in 2014 – How are we doing? Where are we going?, SOMOS Annual Meeting	Vail, CO
2013 Faculty	Advanced Surgical Techniques in the Continuum of Shoulder Treatment, Arthroscopic Double Row Rotator Cuff Repair, Arthroscopic SLAP Repair”	Tampa, FL
2013 Faculty	Metcalf/AANA Winter Meeting, Indications and Technique for SLAP Repairs, Management of the Biceps During Rotator Cuff Repair, Management of Patellofemoral Instability in the Competitive Athlete, How I fix an ACL, How I Fix a PCL	Sun Valley, ID
2013 Faculty	Primary Care Internal Medicine for Subspecialists, Shoulder, Elbow, Wrist and Hand Pain, Harvard Medical School	Boston MA
2013 Faculty	Pri-Med Symposium, Evaluation of Knee Pain, Harvard Medical School	Boston, MA
2013 Faculty	AOSSM Review Course for Subspecialty Certification, AC/SC/Fractures/Nerve Injuries/Vascular injuries to the Shoulder	Chicago, IL
2013 Faculty	Primary Care Internal Medicine: Principles and Practice, Shoulder Pain, Harvard Medical School	Boston, MA
2013 Faculty	Masters Arthroscopy Shoulder Course, Mitek Sport Medicine, Arthroscopic Management of Massive Rotator Cuff Tears	Raynham, MA
2014	Faculty AOSSM & AAOS Sports Medicine Chicago, IL	
	Review Course for Subspecialty Certification, AC/SC/Fractures/Nerve Injuries/Vascular injuries to the Shoulder	
2014	Presenter Concussions in High School Athletes: Effect on Academic Performance and Return to Play Guidelines, AOSSM Annual Meeting	Seattle, WA

Effect on Academic Performance and
Return to Play Guidelines, AOSSM
Annual Meeting

2014 Faculty / Boston Sports and Shoulder
Symposium Waltham, MA

Moderator Subacromial Decompression – When,
How, Why; SLAP Tears – Fix, Cut or
Tenodesis?

2014 Faculty Primary Care Internal
Medicine: Cambridge, MA

Principles and Practice, Shoulder Pain,
Harvard Medical School

2014 Keynote The Business of Sports Medicine; Lowell,
MA

2014 Speaker University of Massachusetts / Lowell
Speaker Newton Wellesley Hospital Grand Rounds, Newton, MA

Sports Hernias: What are They? How
Should We Treat Them?

2014 Faculty The Musculoskeletal System, MIT
Sloan Cambridge, MA

School of Management

2015 Keynote The Business of Sports Medicine; Lowell,
MA

2015 Speaker University of Massachusetts / Lowell
Medicine: Faculty Primary Care Internal
Cambridge, MA

Principles and Practice, Shoulder Pain,
Harvard Medical School

2015 Faculty The Musculoskeletal System, MIT
Sloan Cambridge, MA

School of Management

2015 Faculty Posterior Shoulder Instability. NEBH Newton,
MA

2016 Speaker Sports Medicine Course
My Approach to Massive Rotator Cuff Tears, Orlando, FL
ConMed Linvatec Symposium

2016 Faculty Sports Medicine Fellows Arthroscopy Tampa,
FL

2016 Guest Forum. Arthroscopic Approach to
Association, Waltham, MA Massachusetts Orthopedic

2016 Speaker Avoiding Complications of ACL Surgery
Springs, CO Presenter Revision Shoulder Stabilization: Don't Colorado

2016 Faculty Throw Away the Scope, Herodicus Society
Chicago, IL AOSSM/AAOS Board Review Course. Annual Meeting
AC/SC/Nerve/Fractures/ The Shoulder - Vascular
Injuries

International

1994 Presenter Assessment of neuroforaminal decompression in degenerative spinal
Germany stenosis, International Meeting on
Advanced Spine Techniques

1997 Presenter Intra-operative assessment of femoral Bone

		stenosis, International Meeting on Advanced Spine Techniques	
1997 Switzerland	Presenter	Intra-operative assessment of femoral head vascularity following femoral neck fracture. Presented at the 1997 Bern Hip Symposium. University of Bern	Bern,
1997 Switzerland	Presenter	Surgical Dislocation of the Hip: Indications and Results. Presented at the 1997 Bern Hip Symposium. University of Bern.	Bern,
1997 Interlaken,	Presenter	Total Hip Arthroplasty in Developmental Dysplasia of the Hip." Presented at the International Hip and Knee Symposium	Switzerland
1997 Monetreaux,	Presenter	Surgical Dislocation of the Hip." Presented at the 57th Congrès Annuel de la Société Suisse d'Orthopedie.	Switzerland
1998 Switzerland	Presenter	Treatment of Full-thickness Articular Cartilage Defects. Maurice E. Müller Symposium	Bern,
1999 France	Presenter	Indications, technique and long-term results of microfracture, Invited Speaker, French Arthroscopy Society, Symposium on Cartilage Regeneration	Paris,
2001 Canada	Presenter	Injuries to the Medial Collateral Ligament, NHL / AOSSM Meeting: Sports Medicine and	Toronto,
		Hockey: the NHL and Beyond.	A Summit for
2004	Presenter	The Basis for Post-operative Rehabilitation Following Microfracture: A Non-Human Primate Study, Presented at the Annual meeting of the AOSSM	Quebec City, Canada
2010	Visiting Professor	Hans K. Uthoff Visiting Professor, University of Ottawa, Department of Orthopedic Surgery	Ottawa, ON, Canada
2010	Guest Speaker	Avoiding Complications of ACL Surgery, Microfracture and OATS in Athletes, Single Tunnel Double Bundle ACL Reconstruction, Treatment of Early Arthritis in the Athlete, International Summit Forum on Orthopedic Sports Medicine and Arthroscopic Surgery, ISAKOS /Chinese Orthopedic Society	Shanghai, China
2011	Presenter	Plenary Lecturer of the Spanish Arthroscopy Society, Current Concepts in Shoulder Instability	Tenerife, Spain
2013	Presenter	In-Office Diagnostics, ISAKOS Annual Meeting	Toronto, Canada
2013	Invited Professor	Congreso AMECRA, Is there still a role for open rotator cuff repair?, Outside-in, transtibial and anteromedial portal femoral drilling: Does it affect stability?, How I Care for Professional Athletes, Benefits and limits of arthroscopic treatment in athletes,	Los Cabos, Mexico

		for Professional Athletes, Benefits and limits of arthroscopic treatment in athletes, Microfractures: Are they still indicated?	
2014 HI	Director	Australian Shoulder Meeting – “Innovative Concepts in Shoulder Arthroscopy”: Multidirectional Instability – Tips and Pearls, My Approach to Massive Rotator Cuff Tears, Single vs. Double Row Rotator Cuff Repair, The Biceps Tendon – Fix it, Cut it, or Tenodese it?	Honolulu,
2015 France	Presenter	Herodicus Society – “Tibial Rotation Test For the Management of Patellar Instability; Rotator Cuff Repair in the Stiff Shoulder	Lyon,
2015 Invited Professor		Congreso AMECRA, How I Care for Professional Athletes, Return to Play Criteria in Athletes, Controversial Issues in the Management of Athletes, Use of In-Office Arthroscopic Surgery, Management of Post-surgical External Rotation Deficit in the Shoulder	Acapulco, Mexico

Clinical Activities and Innovations

Clinical Activities

1. Orthopedic Surgeon specializing in the fields of sports medicine, knee surgery and shoulder surgery
2. Patient volume includes:
 - a. Approximately 5500 office visits per year
 - b. Approximately 850 surgical procedures per year, many of which are complex and referred by outside clinicians
3. Direct care for athletes at Weston High School
4. Direct care for athletes from Boston Breakers
5. Direct care for athletes from Boston Cannons
6. Referral center for college and professional athletes from around the country

Technological Innovations

1. Founder of **VisionScope Technologies**. Invented and developed the VisionScope which allows direct in-office visualization of a joint in order to assess its status without the need for MRI imaging. VisionScope is more cost-effective for the health care system, and more sensitive than the current imaging paradigm, as ongoing clinical trials have established. Patent granted.
2. **Single-tunnel double bundle** anterior cruciate ligament fixation device. Invented with Guoan Li, PhD. Patent issued. Currently in pilot phase of production by Smith and Nephew. Patent granted.

Education and Service to the Community

1. Medical coverage of the Weston High School football team and athletic program. Primary orthopedic care provider for their injured student/athletes.
2. Provide annual clinical internship program for Weston High School students who wish to explore the career of medicine
3. Co-produced patient information videos and material content on knee and shoulder surgery and rehabilitation. Used on personal website as well as MGH website.

Scholarship

3. Co-patient information videos and material content on knee and shoulder surgery and rehabilitation. Used on personal website as well as MGH website.

Scholarship

Peer-reviewed Publications

1. **Gill TJ**, Gill TJ III, Kunz HW, Musto NA, Bardin CW. Genetic and morphometric studies of the heterogeneity in the testicular defect of the Hre rat and the interaction between the Hre and grc genes. *Biol Reprod* 1984;31:595-603.
2. Sutton MS, **Gill TJ**, Plappert T, Saltzman DH, Doubilet P. Assessment of right and left ventricular function in terms of force development with gestational age in the normal human fetus. *Brit Heart J* 1991;66(4):285-9.
3. **Gill TJ** and Campbell CC. Radial artery occlusion by a paradoxical embolism. *J Hand Surg* 1995;20A(3):406-7.
4. **Gill TJ**, Schemitsch E, Brick G, Thornhill TS. Revision total knee arthroplasty after failed unicompartmental knee arthroplasty or high tibial osteotomy. *Clin Orthop* 1995;321:10-18.
5. **Gill TJ** and Micheli LJ. The immature athlete: Common injuries and overuse syndromes of the elbow and wrist. *Clin Sports Med* 1996;15(2):401-23.
6. **Gill TJ** and Waters P. Valgus osteotomy of the humeral neck for the treatment of humerus varus. *J Shoulder Elbow Surg*, 1997;May:306-10.
7. **Gill TJ**, Micheli LJ, Gebhard F, Binder C. Bankart repair for anterior instability of the shoulder. Long-term outcome. *J Bone Joint Surg* 1997;79A:850-7.
8. **Gill TJ** and Mason M. Assessment of neuroforaminal decompression in degenerative spinal stenosis. *Clin Orthop* 1998;348:135-139.
9. **Gill TJ**, Sledge JB, Müller ME. Total hip arthroplasty using an acetabular reinforcement ring in patients with congenital dysplasia of the hip: Results at five to fifteen years. *J Bone Joint Surg* 1998;80A:969-979.
10. **Gill TJ**, Sledge JB, Ekkernkamp A, Ganz R. Intraoperative assessment of femoral head vascularity after femoral neck fracture. *J Orthop Trauma* 1998;12:474-478.
11. **Gill TJ**, Sledge JB, Müller ME. The Burch-Schneider anti-protrusio cage in revision total hip arthroplasty: Indications, principles and long-term results. *J Bone Joint Surg* 1998;80-B:946-953.
12. **Gill TJ**, Siebenrock K, Ganz R. Acetabular reconstruction in developmental dysplasia of the hip: Results of the acetabular reinforcement ring with hook. *J Arthroplasty* 1999;14:131-137.
13. **Gill TJ**, Sledge JB, Orlor R, Ganz R. Lateral insufficiency fractures of the femur due to osteoporosis and varus angulation: A complication of total hip arthroplasty. *J Arthroplasty* 1999;14:982-987.
14. **Gill TJ**, Werner S, Murray T, Mair S, Hawkins RJ. The Biomechanics of Throwing: Injury Potential and Prevention in the Shoulder. *Biomechanics*, 1999;August:75-82.
15. **Gill TJ**, Sledge JB, Müller ME. The management of severe acetabular bone loss using structural allograft and an acetabular reinforcement device. *J Arthroplasty* 2000;15:1-7.

15. **Gill TJ**, Sledge JB, Müller ME. The management of severe acetabular bone loss using structural allograft and an acetabular reinforcement device. *J Arthroplasty* 2000;15:1-7.
16. Gautier E, Ganz K, Krugel N, **Gill T**, Ganz R. Anatomy of the medial femoral circumflex artery and its surgical implications. *J Bone Joint Surg* 2000;82-B:679-683.
17. **Gill TJ**. The treatment of articular cartilage defects using microfracture and debridement. *Am J Knee Surg* 2000;13:33-40.
18. **Gill TJ**. The role of the microfracture technique in the treatment of full-thickness chondral injuries. *Operative Techniques in Sports Medicine* 2000;8:138-140.
19. **Gill TJ**, Moezzi DM, Oates KM, Sterett WI. Arthroscopic Reduction and Internal Fixation of Tibial Plateau Fractures in skiing. *Clin Orthop*, 2001;383:243-249.
20. Werner SL, **Gill TJ**, Hawkins RJ, Murray TA, Cook TD. Relationships between throwing mechanics and shoulder distraction in professional baseball pitchers. *Am J Sports Med* 2001;29:354-358.
21. **Gill TJ**, McIrvin E, Mair SD, Hawkins RJ. The results of biceps tenotomy for the treatment of pathology of the long head of the biceps brachii. *J Shoulder Elbow Surg*, 2001;10:247-249.
22. **Gill TJ** and MacGillivray JD. The technique of microfracture for the treatment of articular cartilage defects in the knee. *Operative Techniques in Orthopedics* 2001;11:105-107.
23. Ganz R, **Gill TJ**, Gautier E, Ganz, K, Krugel N, Berlemann U. Surgical dislocation of the adult hip: A technique with full access to the femoral head and acetabulum without the risk of avascular necrosis. *J Bone Joint Surg*, 2001;83-B:1119-1124
24. Li G, Suggs J, **Gill TJ**. Effect of ACL injury on knee joint function under simulated muscle load – a 3D computational simulation. *Annals Biomed Eng*, 2002;30:713-720
25. Werner SL, Murray TA, Hawkins RJ, **Gill TJ**. Relationship Between Throwing Mechanics and Elbow Valgus in Professional Baseball Pitchers. *J Shoulder Elbow Surg*, 2002;11:151-155.
26. **Gill TJ**, Reschly E, Kocher MS, Homa K, Mair SD, Hawkins RJ. The relative importance of acromial morphology and age with respect to rotator cuff pathology. *J Shoulder Elbow Surg* 2002;11:327-330.
27. Li G, **Gill TJ**, DeFrate L, Zayontz S, Glatt V, Zarins B. Biomechanical consequences of PCL deficiency in the knee under simulated muscle loads – an in vitro experimental study. *J Orthop Res*, 2002;20:887-892
28. Wang C, **Gill TJ**, Zarins B, Herndon JH. Extensor carpi ulnaris tendon rupture in an ice hockey player. *Am J Sports Med*, 2003;31:459-461
29. Steadman JR, Briggs K, Rodrigo J, Kocher M, **Gill TJ**, Rodkey WG. Outcomes of microfracture for traumatic chondral defects of the knee: Average 11-year follow-up. *Arthroscopy*, 2003;19:477-484.

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Abstracts, Posters and Exhibits

Consistently presented at major national and international meetings for the past 20 years.