

CURRICULUM VITAE

Updated August 10, 2016

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

Title: Chairman, Department of Orthopedic Surgery
St. Elizabeth's Medical Center
Director, Boston Sports Medicine and Research Institute
New England Baptist Hospital
Associate Professor of Orthopedic Surgery
Tufts Medical School

Office Address: New England Baptist Outpatient Care Center
40 Allied Drive, Suite 110
Dedham, MA 02026

Office Telephone : 781-251-3535

FAX: 781-251-3532

Education:

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

Postdoctoral training:

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

Licensure and Certification:

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

Academic Appointments:

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

Hospital Appointments:

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

Awards and Honors:

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 Unicompartmental Knee Replacement” Best Resident Paper
1995	American Orthopedic Association / Zimmer Travel Award	
1997	Maurice E. Müller Scholar	6 month travelling fellowship
1999	Nominated for Neer Award	American Shoulder and Elbow Society Best Paper
1999	Aircast Award for Clinical Science	American Orthopedic Society for Sports Medicine
2000	Research Award	Orthopedic Research and Education Foundation
2000	Chief Resident’s Teaching Award	Massachusetts General Hospital
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	Excellence in Research Award	American Orthopedic Society for Sports Medicine
2004	Nominated for Neer Award	American Shoulder and Elbow Society
2005	Hughston Award	American Orthopedic Society for Sports Medicine
2005	“Best Doctors in America”	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	O’Donoghue Sports Injury Research Award	American Orthopedic Society for Sports Medicine
2009	Partners in Excellence Award for	Partners Healthcare System

2009	Leadership and Innovation “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	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	Team Physician	New England Revolution (MLS)
2000 - 2014	Team Physician	Curry College, Milton, MA
2002	Medical Consultant	Charlestown Lacrosse
2005 - 2008	Consultant	Boston Lobsters Professional Team Tennis
2015 – present	Consultant	Boston Ballet
2016	Consultant	World Figure Skating Championships, Boston, MA

Major Administrative Assignments

Local

1999 - 2007	Director	Medical Student Education (Orthopedic Surgery) Massachusetts General Hospital
2004 – 2012	Fellowship Director	Massachusetts General Hospital Sports Medicine Fellowship
2006 – 2012	Medical Director	Massachusetts General Hospital Sports Medicine Center
2007 – 2012	Chief	Sports Medicine Service Massachusetts General Hospital
2009 – 2012	Medical Director	Orthopedic Surgery Brigham and Women’s Hospital / Massachusetts General Hospital Health Center, Foxborough, MA

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

2007	Co-Director	Harvard Medical School Primary Care Course in Orthopedic Surgery, Boston, MA
2007	Venue Medical Director	CONCACAF Gold Cup Soccer
2008	Director	New England Sports Medicine Fellows Course, Brewster, MA
2008	Co-Director	Harvard Medical School Primary Care Course in Orthopedic Surgery, Boston, MA
2008	Co-Director	Harvard Medicine School Course: Sports Medicine 2008 – Advances in Orthopedic Orthopedic Management and Radiology, Boston, MA
2009	Director	New England Sports Medicine Fellows Course, Martha’s Vineyard, MA
2008	Co-Director	Harvard Medical School Primary Care Course in Orthopedic Surgery, Boston, MA
2009	Co-Director	Harvard Medicine School Course: Sports Medicine 2009 – Advances in Orthopedic Orthopedic Management and Radiology, Boston, MA
2010	Co-Director	Harvard Medical School Primary Care Course in Orthopedic Surgery, Boston, MA
2010	Co-Director	Harvard Medicine School Course: Sports Medicine 2010 – Advances in Orthopedic Orthopedic Management and Radiology, Boston, MA
2010	Director	New England Sports Medicine Fellows Course, Martha’s Vineyard, MA
2011	Co-Director	Harvard Medical School Primary Care Course in Orthopedic Surgery, Boston, MA
2011	Director	New England Sports Medicine Fellows Course, Martha’s Vineyard, MA
2011	Co-Director	Harvard Medicine School Course: Sports Medicine 2011 – Advances in Orthopedic Orthopedic Management and Radiology, Boston, MA
2012	Co-Director	Harvard Medicine School Course: Sports Medicine 2012 – Advances in Orthopedic Orthopedic Management and Radiology, Boston, MA
2012	Co-Director	Harvard Medical School Primary Care Course in Orthopedic Surgery, Boston, MA
2013	Director	Sports Medicine and the NFL: The Playbook

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

National and International

2014	Co-Director	Sports Medicine Fellows Advanced Arthroscopy Course, Tampa, FL
2014	Director	Innovative Concepts in Shoulder Arthroscopy, Honolulu, HI
2015	Co-Chairman	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	Residency Selection Committee	Harvard Combined Orthopedic Residency Program
1998 – 2000	Orthopedic Outreach Program	Massachusetts General Hospital
1998	Chairman	Internal Review Committee Rheumatology Fellowship Program, Massachusetts General Hospital
2000 – 2008	Director	Orthopedic Clinical Clerkship Harvard Medical School

2000 – 2008	Medical Education Committee	Massachusetts General Hospital Department of Orthopedic Surgery Department of Orthopedic Surgery Harvard Medical School
2001 – 2004	Residency Selection Committee	Harvard Combined Orthopedic Residency Program
2002 – 2014	Operating Room Operations Committee	Massachusetts General Hospital
2002 – 2014	Same Day Care Unit Specialty Specific Operating Room Committee	Massachusetts General Hospital
2004 - 2007	Billing Oversight Committee	Department of Orthopedic Surgery Massachusetts General Hospital
2005 – 2014	Medical Executive Committee	Massachusetts General Hospital Ambulatory Surgical Center
2014 – present	OR Executive Committee	New England Baptist Outpatient Care Center
2014 – present	Medical Director for Orthopedic Research	Newton-Wellesley Hospital
2015 – present	Residency Selection Committee Tufts Medical School	Department of Orthopedic Surgery,
2014 – present	Medical Executive Committee	New England Baptist Outpatient Care Center, Dedham, MA

Regional

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

National and International

2003 – 2008	Research Committee	American Orthopedic Society for Sports Medicine
2004 – 2006	Test Writing Task Force	American Board of Orthopedic Surgery
2009 – present	Industry Relations Committee	American Society for Sports Medicine; Chairman 2012 – present
2009 – present	Education Committee	American Society for Sports Medicine

2011 – present	Director	Harvard Combined Orthopedic Surgery Program Alumni Association
2013 - 2014	Peer Review Committee	National Football League Physicians Society
2013 – present	Program Committee	American Academy of Orthopedic Surgeons
2015 – present	Council of Delegates	American Orthopedic Society for 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	Herodicus Society (Honor Society for Sports Medicine)
2007 – present	American Orthopedic Association

Grant Review Activities

2009 – present	Musculoskeletal Tissue Foundation
----------------	-----------------------------------

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
-------------	--------------------------	-------------------------

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

Past Research Activities

Funded

1999	Center for Innovative Minimally Invasive Technologies	PI	\$ 93,721	Meniscal repair using cultured 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 technique
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 Charities	PI	\$ 50,000	Biomechanical analysis of throwing

Current Research Activities

Funded

2010	United States Department of Defense	PI	\$3,000,000	Photochemical gels in tissue engineering for cartilage repair
2012	NFL Player's Association	Investigator	\$100,000,000	Diagnosis and management of 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 Forum	Boston, MA
1997	Perspectives in trauma	Grand Rounds Presentation	Brigham and Women's Hospital, Boston, MA
2004 – 2014	Department of Medicine	Ambulatory Lecture Program	Massachusetts General Hospital Boston, MA
2000– 2014	Harvard Combined Orthopedic Residency Program	Core Curriculum	Boston, MA
1998– 2014	Sports Medicine Conference	Fellowship Curriculum	Massachusetts General Hospital Boston, MA
1999	Current concepts in the surgical management of arthritis	Grand Rounds Speaker	Massachusetts 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 Treatment of Posterior Cruciate	Grand Rounds Speaker	Massachusetts General Hospital,

2004	Common Sports Injuries	Invited Speaker	Boston, MA Spaulding Rehabilitation Hospital, Boston, MA
2006	World Champion Healthcare: Taking Care of the Boston Red Sox	Harvard Medical School Alumni Council,	Boston, MA
2008	Breakthroughs in Sports Medicine	Essex Country Club	Manchester, MA
2008	Rotator Cuff Tears in Athletes	Grand Rounds Speaker	Emerson Hospital, Concord, MA
2009	How I Became a Doctor	Weston High School Career Day	Weston, MA
2010	Careers in Medicine	Weston High School Career Day	Weston, MA
2010	The Role of Osteotomies in 2010	Grand Rounds Speaker	Carney Hospital, Milton, MA
2011	How to Teach Physical Exam at the Bedside	Master Clinician Series	Massachusetts General Hospital 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, MA
2013	Being a Team Physician – The Good, The Bad, and The Ugly Boston, MA, 2013	Keynote Speaker Harvard College 60 th Reunion Class	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, Japan)	Chairman, Dept of 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
2005-2006	Jeremy Moses, MD	Fellow in Sports Medicine	
2006-2007	Dain Allred, MD	Fellow in Sports Medicine (US Air Force)	Head Team Physician, 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 Medical School
2008 – 2009	Mark Price, MD	Fellow in Sports Medicine	Assistant Professor, University of Massachusetts

2008 – 2009	William Robertson, MD	Fellow in Sports Medicine	Chief, Sports Medicine Service, University of Texas Southwestern
2008-2009	Karen Sutton, MD	Fellow in Sports Medicine	Assistant Professor, Yale University
2009-2010	Amon Ferry, MD	Fellow in Sports Medicine	Assistant Professor, University of Maryland
2009-2010	Ralph Henn, MD	Fellow in Sports Medicine	
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 Colorado
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	Chief of Sports Medicine, US Naval Academy, Annapolis, MD
2011	Lance Leclere, MD	Fellow in Sports Medicine	
2011-2012	Sommer Hammoud, MD	Fellow in Sports Medicine	Assistant Professor, Thomas Jefferson University
2011-2012	Seth Jerabek, MD	Fellow in Sports Medicine	Assistant Professor, Cornell University
2012-2013	F.Winston Gwathmey, MD	Fellow in Sports Medicine	Assistant Professor, University of Virginia
2012-2013	Laura Wiegand, MD	Fellow in Sports Medicine	Assistant Professor, UCLA Medical School
2012-2013	Peter Vezeridis, MD	Fellow in Sports Medicine	
2013-2014	Guillaume Dumont, MD	Fellow in Sports Medicine	Assistant Professor, University of South Carolina
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	Faculty	THA in DDH using the acetabular reinforcement ring with hook, Harris Hip Course	Boston, MA
------	---------	---	------------

National

1995	Presenter	A comparison of total knee arthroplasty after failed unicompartmental replacement and high tibial osteotomy, Presented at Open Meeting of the Knee Society, AAOS Annual Meeting	Orlando, FL
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 and Trauma	Vail, CO
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 the annual meeting of the AAOS. Orthopedic Transactions, 20:1,232,1996	Atlanta, GA
1996	Presenter	Long-term outcome following Bankart repair for anterior instability of the shoulder. Annual Meeting of the American Orthopedic Association. AOA-Zimmer Travel Award Paper	Colorado Springs, CO

1997	Presenter	Long-term outcome following Bankart repair for anterior instability of the shoulder. Presented at the 1997 Open Meeting of the American Society of Shoulder and Elbow Surgeon's, AAOS.	San Francisco, CA
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, Full-thickness Chondral Defects in the Knee: Indications, Technique and Long-term Results of Microfracture. Presented at 1998 Fellows Arthroscopy Conference	Scottsdale, AZ
1998	Presenter	Indications and Long-term Clinical Results of Microfracture. Invited Faculty 2 nd Symposium of the International Cartilage Repair Society	Boston, MA
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." Presented at the 1999 meeting of the AAOS.	Anaheim, CA
1999	Presenter	Injury Prevention in the Throwing Athlete. Presented at the 1999 meeting of the AAOS	Anaheim, CA
1999	Presenter	Treatment and Outcome after Rotator Cuff Repair Complicated by Infection." Presented at the 1999 Open Meeting of the ASES, AAOS Annual Meeting	Anaheim, CA
1999	Presenter	A Validation of the Impingement Test in Predicting Outcome after Arthroscopic Subacromial Decompression. Presented at the 1999 Open Meeting of the ASES.	Anaheim, CA
1999	Presenter	Incidence and location of bone bruises after acute posterior cruciate ligament injury. Presented at the AOSSM 25 th Annual Meeting, June 19, 1999.	
1998	Presenter	Common Sports Injuries and Their Management. Grand Rounds Speaker, Spaulding Rehabilitation Center.	Boston, MA

1999	Presenter	The treatment of full-thickness cartilage defects in the knee: Indications, technique and long-term results of microfracture, Grand Rounds Speaker, The Lahey Clinic.	Burlington, MA
1999	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, MA
1999	Faculty	AAOS Comprehensive Shoulder Course	Rosemont, IL
1999	Faculty	Athletic Knee Injuries Course, New Frontiers in Cartilage Repair, New England Baptist Hospital	Boston, MA
2000	Speaker	The treatment of full-thickness cartilage defects in the knee, Grand Rounds University of Massachusetts	Worcester, MA
2000	Faculty	Primary Care for Subspecialists Course, Harvard Medical School, Hip, knee and foot pain	Boston, MA
2000	Faculty	Office Practice of Primary Care Medicine, Harvard Medical School, Shoulder Pain	Boston, MA
2000	Faculty	Musculoskeletal Program for Primary Care Physicians, Harvard Medical School, Evaluation of the Knee	Boston, MA
2000	Faculty	Current Concepts in Reconstruction and Trauma About the Knee, Arthroscopic reduction and internal fixation of tibial plateau fractures,	Vail, CO
2000	Faculty	Advances in Rheumatology, Harvard Medical School, The Evaluation and Management of Shoulder Pain	Boston, MA
2000	Faculty	Athletic Knee Injuries Course, New England Baptist Hospital, The Treatment of Articular Cartilage Injuries in the Knee	Boston, MA
2000	Faculty	Primary Care Internal Medicine: Principles and Practice, Neck and Shoulder Pain, Harvard Medical School	Boston, MA
2000	Presenter	Biceps Tenodesis Versus Release for the Treatment of Pathology of the Long Head of the Biceps Brachii, Presented at the 2000 annual meeting of the AAOS	Orlando, FL
2000	Presenter	The Role of Viscosupplementation in Osteoarthritis of the Knee, Wyeth-Ayerst Symposium on "Advancing the Scientific Basis of Orthopedic Interventions	Orlando, FL

2000	Presenter	Biceps Tenodesis Versus Release for the Treatment of Pathology of the Long Head of the Biceps Brachii, Presented at the 2 nd Biennial Meeting of the American Shoulder and Elbow Surgeons	Miami, FL
2000	Panel	The Changing Landscape of the Business of Sports, Harvard Business School	Boston, MA
2001	Presenter	The Biomechanics of PCL Reconstruction NFL Team Physicians Meeting	Indianapolis, IN
2001	Presenter	Ruptures of the Distal Triceps Tendon in Football Players, Poster presentation, 2001 AOSSM Specialty Day	San Francisco, CA
2001	Presenter	Effects of Medialization and Anteromedialization of the Tibial Tubercle on Patellofemoral Mechanics and Kinematics in Knees with Patellofemoral Malalignment, Orthopedic Research Society	San Francisco, CA
2001	Faculty	Primary Care for Subspecialists Course, Examination of the Shoulder and Knee, Harvard Medical School	Boston, MA
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, 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	Boston, MA

		of Shoulder and Knee Pain, Harvard Medical School	
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 (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:	Boston, MA

2004	Faculty	Principles and Practice, Neck and Shoulder Pain, Harvard Medical School 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

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?, 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,	Washington, DC

Year	Role	Topic	Location
2009	Faculty	Osteochondral Replacement: Autograft/Allograft 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	Presenter	SLAP Tears in Patients over 40 Years of Age: Fix It, Cut It, or Tenodese 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-	Tampa, FL

2012	Faculty	American Workshop 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 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;	Chicago, IL

		Speaker, Watch Your Back: Conflict of Interest in Our Universe, AOSSM Annual Meeting	
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 Review Course for Subspecialty Certification, AC/SC/Fractures/Nerve Injuries/Vascular injuries to the Shoulder	Chicago, IL
2014	Presenter	Concussions in High School Athletes: Effect on Academic Performance and Return to Play Guidelines, AOSSM Annual Meeting	Seattle, WA
2014	Faculty / Moderator	Boston Sports and Shoulder Symposium Subacromial Decompression – When, How, Why; SLAP Tears – Fix, Cut or Tenodesis?	Waltham, MA
2014	Faculty	Primary Care Internal Medicine: Principles and Practice, Shoulder Pain,	Cambridge, MA

2014	Keynote Speaker	Harvard Medical School The Business of Sports Medicine; University of Massachusetts / Lowell	Lowell, MA
2014	Speaker	Newton Wellesley Hospital Grand Rounds, Sports Hernias: What are They? How Should We Treat Them?	Newton, MA
2014	Faculty	The Musculoskeletal System, MIT Sloan School of Management	Cambridge, MA
2015	Keynote Speaker	The Business of Sports Medicine; University of Massachusetts / Lowell	Lowell, MA
2015	Faculty	Primary Care Internal Medicine: Principles and Practice, Shoulder Pain, Harvard Medical School	Cambridge, MA
2015	Faculty	The Musculoskeletal System, MIT Sloan School of Management	Cambridge, MA
2015	Faculty	Posterior Shoulder Instability. NEBH Sports Medicine Course	Newton, MA
2016	Speaker	My Approach to Massive Rotator Cuff Tears, ConMed Linvatec Symposium	Orlando, FL
2016	Faculty	Sports Medicine Fellows Arthroscopy Forum. Arthroscopic Approach to Shoulder Instability and Remplissage	Tampa, FL
2016	Guest Speaker	Massachusetts Orthopedic Association, Avoiding Complications of ACL Surgery	Waltham, MA
2016	Presenter	Revision Shoulder Stabilization: Don't Throw Away the Scope, Herodicus Society Annual Meeting	Colorado Springs, CO
2016	Faculty	AOSSM/AAOS Board Review Course. The Shoulder - AC/SC/Nerve/Fractures/ Vascular Injuries	Chicago, IL

International

1994	Presenter	Assessment of neuroforaminal decompression in degenerative spinal stenosis, International Meeting on Advanced Spine Techniques	Munich, Germany
1997	Presenter	Intra-operative assessment of femoral head vascularity following femoral neck fracture. Presented at the 1997 Bern Hip Symposium. University of Bern	Bern, Switzerland
1997	Presenter	Surgical Dislocation of the Hip: Indications and Results. Presented at the 1997 Bern Hip Symposium. University of Bern.	Bern, Switzerland
1997	Presenter	Total Hip Arthroplasty in Developmental	Interlaken,

		Dysplasia of the Hip." Presented at the International Hip and Knee Symposium	Switzerland
1997	Presenter	Surgical Dislocation of the Hip." Presented at the 57th Congrès Annuel de la Société Suisse d'Orthopedie.	Monetroux, Switzerland
1998	Presenter	Treatment of Full-thickness Articular Cartilage Defects. Maurice E. Müller Symposium	Bern, Switzerland
1999	Presenter	Indications, technique and long-term results of microfracture, Invited Speaker, French Arthroscopy Society, Symposium on Cartilage Regeneration	Paris, France
2001	Presenter	Injuries to the Medial Collateral Ligament, NHL / AOSSM Meeting: Sports Medicine and Hockey: A Summit for the NHL and Beyond.	Toronto, Canada
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, Microfractures: Are they still indicated?	Los Cabos, Mexico
2014	Director	Australian Shoulder Meeting – “Innovative Concepts in Shoulder Arthroscopy”:	Honolulu, HI

		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 Tenodesis it?	
2015	Presenter	Herodicus Society – “Tibial Rotation Test For the Management of Patellar Instability; Rotator Cuff Repair in the Stiff Shoulder	Lyon, France
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

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, Orler 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.
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.
30. Li G, DeFrate L, Suggs J, **Gill TJ**. Determination of optimal graft lengths for posterior cruciate ligament reconstruction - A theoretical analysis. *J Biomech Eng*, 2003;125:295-299.
31. Leunig M, Sledge JB, **Gill TJ**, Ganz R. Traumatic Labral Avulsion From the Stable Rim. A Constant Pathology in Displaced Transverse Acetabular Fractures. *Arch Orthop Trauma Surg*, 2003, 128:392-395.
32. **Gill TJ**, DeFrate L, Wang C, Carey CT, Zayontz S, Zarins B, Li G. Biomechanical effect of posterior cruciate ligament reconstruction on knee joint function – Kinematic response to simulated muscle loads. *Am J Sports Med*, 2003;31:530-536
33. Peretti GM, **Gill TJ**, Xu JW, Randolph MA, Morse KR, Zaleske DJ. Cell-based therapy for meniscal repair: A large animal study. *Am J Sports Med*, 2004;32:146-158
34. Li G, Most E, DeFrate LE, Suggs J, **Gill TJ**, Rubash HE. Effect of the Posterior Cruciate Ligament on Posterior Stability of the Knee in High Flexion. *J Biomechanics*, 2004, 37:779-783.
35. Mithoefer K, **Gill TJ**, Vrahas MS. Tibial Plateau Fracture Following Anterior Cruciate Ligament Reconstruction. *Knee Surg Sports Traumatol Arthroscopy*, 2004;12:325-8

36. DeFrate LE, Sun H, **Gill TJ**, Rubash HE, Li G. In vivo tibiofemoral contact analysis using 3-D MRI-based knee models. *J Biomechanics*, 2004;37:1499-1504
37. Mair S, Isbel WM, **Gill TJ**, Schlegel T, Hawkins RJ. Triceps Tendon Ruptures in Professional Football Players. *Am J Sports Med*, 2004;32:431-434.
38. Mair S, Viola RW, **Gill TJ**, Briggs K, Hawkins RJ. Can the Shoulder Impingement Test Predict Outcome After Arthroscopic Subacromial Decompression? *J Shoulder Elbow Surg*, 2004;13:150-153.
39. **Gill TJ**, DeFrate L, Wang C, Carey CT, Zayontz S, Zarins B, Li G. The effect of posterior cruciate ligament reconstruction on patellofemoral contact pressures in the knee under simulated muscle loads. *Am J Sports Med*, 2004;32:109-115
40. Kim DH, **Gill TJ**, Millett PJ. Treatment of the arthrofibrotic knee. *Arthroscopy* 2004;20:187-94
41. Mair SD, Schlegel TF, **Gill TJ**, Hawkins RJ, Steadman JR. Incidence and Location of Bone Bruises after Acute Posterior Cruciate Ligament Injury. *Am J Sports Med* 2004;32:1681-7
42. DeFrate L, Ven A, **Gill TJ**, Li G. The effect of length on the structural properties of an Achilles tendon graft as used in posterior cruciate ligament reconstruction. *Am J Sports Med*, 2004;32:993-997
43. Park SE, Stamos BD, DeFrate LE, **Gill TJ**, Li G. The Effect of Posterior Knee Capsulotomy on Posterior Tibial Translation During Posterior Cruciate Ligament Tibial Inlay Reconstruction. *Am J Sports Med*, 2004;32:1514-1519
44. Li G, DeFrate L, Sun H, **Gill TJ**. In Vivo Elongation of the ACL and PCL During Knee Flexion. *Am J Sports Med*, 2004;32:1415-1419
45. Li G, DeFrate LE, Zayontz S, Park SE, **Gill TJ**. The Effect of Tibiofemoral Joint Kinematics on Patellofemoral Contact Pressures Under Simulated Muscle Loads. *J Orthop Res*, 2004;22:801-6
46. DeFrate LE, **Gill TJ**, Li G. In Vivo Function of the Posterior Cruciate Ligament During Weightbearing Knee Flexion. *Am J Sports Med* 2004;32:1923-8
47. Mithofer K, **Gill TJ**, Vrahas M. Supracondylar Femur Fracture After Arthroscopic Reconstruction of the Anterior Cruciate Ligament. *J Bone Joint Surg*, 2005;87-1591-6

48. Li G, DeFrate LE, Park SE, **Gill TJ**, Rubash HE. In Vivo Articular Cartilage Contact Kinematics of the Knee – An Investigation using Dual Orthogonal Fluoroscopy and MR Image-based Computer Models. *Am J Sports Med*, 2005;33:102-7
49. Yoo JD, Papannagari R, Park S, DeFrate LD, **Gill TJ**, Li G. The Effect of ACL Reconstruction on Knee Joint Kinematics Under Simulated Muscle Loads. *Am J Sports Med* 2005;33:240-6
50. Giza E, Farrell L, Zarins B, **Gill TJ**. Analysis of Injuries in the Women’s United Soccer Association. *Br J Sports Med*, 2005;39:212-216
51. Li G, DeFrate L, Rubash HR, **Gill TJ**. In Vivo Kinematics of the ACL During Weight Bearing Knee Flexion. *J Orthop Res* 2005; 23:340-4
52. **Gill TJ**, McCulloch P, Glasson SS, Peluso D, Morris EA. The Basis for Post-operative Rehabilitation Following Microfracture: A Non-Human Primate Model. *Am J Sports Med*, 2005;33:680-5
53. Li G, Park SE, DeFrate L, Schutzer ME, Ji L, **Gill TJ**, Rubash HE. The Cartilage Thickness Distribution in the Tibiofemoral Joint and its Correlation with Cartilage-to-Cartilage Contact. *Clin Biomech* 2005;20:736-44
54. Park SE, DeFrate L, Suggs J, **Gill TJ**, Rubash H, Li G. The Changes in Length of Medial and Lateral Collateral Ligaments During In-Vivo Knee Flexion. *Knee* 2005;377-382
55. Ramappa AJ, Apreleva M, Harrold FR, Fitzgibbons PG, Wilson DR, **Gill TJ**. The Effects of Medialization and Anteromedialization of the Tibial Tubercle on Patellofemoral Mechanics and Kinematics. *Am J Sports Med*, 2006;34:749-756.
56. DeFrate LD, van der Ven A, Boyer PJ, **Gill TJ**, Li G. The Measurement of the Variation in the Surface Strains of Achilles Tendon Grafts Using Imaging Techniques. *J Biomechanics* 2006;39:399-405
57. Warner JP, **Gill TJ**, Millett PJ, Pathare N, O’Holleran J. Anatomic Reconstruction of the Glenoid for Recurrent Shoulder Instability. *Am J Sports Med* 2006;34:205-212
58. Li G, Papannagari R, DeFrate L, Yoo JD, Park SE, **Gill TJ**. Comparison of the ACL and ACL Graft Forces Before and After ACL Reconstruction - An in-vitro robotic investigation. *Acta Orthop Scand* 2006;77:267-274

59. DeFrate L, Papannagari R, **Gill TJ**, Li G. The six degrees-of-freedom kinematics of the knee after ACL deficiency—an in-vivo imaging analysis. *Am J Sports Med*, 2006;34:1240-1246.
60. Weinand C, Peretti GM, Adams SB, Randolph MA, Savvidis E, **Gill TJ**. Healing Potential of Transplanted Allogeneic Chondrocytes of Three Different Sources in Lesions of Avascular Zones of the Meniscus: a Pilot Study. *Arch Orthop Trauma Surg* 2006;126:599-605.
61. Weinand C, Peretti GM, Adams SB, Bonassar L, Randolph MA, **Gill TJ**. An Allogeneic Cell-based Implant for Meniscus Lesions. *Am J Sports Med* 2006;34:1779-1789.
62. Li G, Moses J, Pappanagari R, Pathare N, DeFrate L, **Gill TJ**. ACL-Deficiency Alters the In-Vivo Motion of the Tibiofemoral Contact Points in Both the Anteroposterior and Mediolateral Directions. *J Bone Joint Surg* 2006;88:1826-1834.
63. Papannagari R, **Gill TJ**, DeFrate LD, Moses J, Petruska AJ, Li G. In Vivo Kinematics of the Knee After ACL Reconstruction. A Clinical and Functional Evaluation. *J Bone Joint Surg* 2006;34:2006-2012.
64. DeFrate LD, Nha KW, Papannagari R, Moses J, **Gill TJ**, Li G. The Biomechanical Function of the Patellar Tendon During In Vivo Weight Bearing Flexion. *J Biomech* 2007;40:1716-1722.
65. Chung C, Mesa J, Miller G, Randolph MA, **Gill TJ**, Burdick JA. Effects of Auricular Chondrocyte Expansion on Neocartilage Formation in Photocrosslinked Hyaluronic Acid Networks. *Tissue Engineering*, 2006;12:2665-2673.
66. DeFrate LE, Papannagari R, **Gill TJ**, Moses JM, Pathare NP, Li G. The 6 degrees of freedom kinematics of the knee after anterior cruciate ligament deficiency: an in vivo imaging analysis. *Am J Sports Med* 2006;34:1240-1246.
67. Ibusuki S, Halbesma GJ, Randolph MA, Redmond RW, Kochevar IE, **Gill TJ**. Photochemically cross-linked collagen gels as three-dimensional scaffolds for tissue engineering. *Tissue Eng.* 2007 Aug;13(8):1995-2001
68. **Gill TJ**, Asnis P, Berkson EM. The Treatment of Articular Cartilage Defects Using the Microfracture Technique. *J Ortho Sports Phys Ther* 2006;36:728-738
69. Pappanagari R, DeFrate LE, Nha KW, Moses JM, Moussa M, **Gill TJ**, Li G. The Function of Posterior Cruciate Ligament Bundles During In-vivo Knee Flexion. *Am J Sports Med* 2007;35:1507-1512.

70. Ramappa AJ, **Gill TJ**, Bradford CH, Ho CP, Steadman JR. The Use of MRI to Assess Knee Cartilage Repair Tissue After Microfracture of Chondral Defects. *J Knee Surg* 2007;20:228-234.
71. Chen NC, Martin SD, **Gill TJ**. Risk to the Lateral Geniculate Artery During Arthroscopic Suture Lateral Meniscal Suture Passage. *Arthroscopy* 2007;23:642-646.
72. Li G, Papannagari R, DeFrate LE, Yoo JD Park, SE, **Gill TJ**. The effects of ACL deficiency on mediolateral translation and varus-valgus rotation. *Acta Orthop* 2007; 78:355-360.
73. Jordan SS, DeFrate LE, Nha KW, Papannagari R, **Gill TJ**, Li G. The in vivo kinematics of the anteromedial and posterolateral bundles of the anterior cruciate ligament during weightbearing knee flexion. *Am J Sports Med* 2007;35:547-554.
74. Van de Velde SK, DeFrate LE, **Gill TJ**, Moses JM, Papannagari R, Li G. The effect of anterior cruciate ligament deficiency on the in vivo elongation of the medial and lateral collateral ligaments. *Am J Sports Med* 2007;35:294-300.
75. Dutchshen NT, Reinold MM, **Gill TJ**. Superior Labrum Anterior Posterior Lesions in the Overhead Athlete: Current Options for Treatment. *Operative Tech Sports Med* 2007;15:96-104.
76. Li G, Papannagari R, Li M, Bingham J, Nha K, Allred CD, **Gill TJ**. Effect of the Posterior Cruciate Ligament Deficiency on In-vivo Translation and Rotation of the Knee During Weightbearing Flexion. *Am J Sports Med* 2008 Mar; 36(3): 474-479.
77. Nha KW, Papannagari R, **Gill TJ**, Van de Velde SK, Freiberg A, Rubash H, Li G. In Vivo Patellar Tracking: Clinical Motions and Patellofemoral Indices. *J Orthopedic Research*. 2006; 8: 1067-1074.
78. Li G, Papannagari R, Nha K, DeFrate L, **Gill TJ**, Rubash H. The Coupled Motion of the Femur and Patella During In-Vivo Weight Bearing Knee Flexion. *J Biomech Engineering*, 2007;129:937-943
79. Van de Velde S, **Gill TJ**, DeFrate LD, Pappanagari R, Li G. The Effect of ACL Deficiency and Reconstruction on the Patellofemoral Joint. *Am J Sports Med*. 2008; 6: 1150-1159.

80. Kozanek M, Gadikota HR, Seong JK, **Gill TJ**, Li G. The Effect of ACL Reconstruction on Kinematics of the Knee with Combined ACL Injury and Subtotal Medial Meniscectomy- an in-vitro robotic investigation. *J Arthroscopy Related Research*. 2009; 2: 123-130.
81. Kozanek M, Van de Velde S, **Gill TJ**, Li G. The Contralateral Knee in Cruciate Ligament Deficiency. *Am J Sports Med* 2008;11: 2151-2157.
82. Boyer PJ, Massimini DF, **Gill TJ**, Papannagari R, Stewart SL, Warner JP, Li G. In-vivo articular cartilage contact at the glenohumeral joint: preliminary report. *J Ortho Science*. 2008;13:359-365.
83. Weinand C, Xu JW, Peretti GM, Bonassar LJ, **Gill TJ**. Conditions affecting cell seeding onto three-dimensional scaffolds for cellular-based biodegradable implants. *J Biomed Mater Res B Appl Biomater*. 2009; 1: 80-87.
84. Ibuski S, Papadopoulos A, Ranka MP, Halbesma GJ, Randolph MA, Redmond RW, Kochevar IE, **Gill TJ**. Engineering cartilage in a photochemically crosslinked collagen gel. *J Knee Surg*. 2009 22(1): 72-81.
85. Van de Velde S, **Gill TJ**, Li G. Dual Fluoroscopic Analysis of the Posterior Cruciate Ligament-Deficient Patellofemoral Joint During Lunge. *Med Science Sports Exercise* 2009;1-8
86. Kozanek M, Hosseini A, Liu F, Van de Velde S, **Gill TJ**, Rubash H, Li G. Tibiofemoral Kinematics and Condylar Motion during the Stance Phase of Gait. *J Biomechanics* 2009;42;1877-1884.
87. Reinold M, **Gill TJ**. Current Concepts in the Evaluation and Treatment of the Shoulder in Overhead Throwing Athletes: Part 1:Physical Characteristics and Clinical Examination. *Sports Health* 2010; 2: 39-50.
88. Reinold M, **Gill TJ**, Wilk K, Andrews JA. Current Concepts in the Evaluation and Treatment of the Shoulder in Overhead Throwing Athletes: Part 2: Prevention and Treatment. *Sports Health* 2010; 2: 101-115.
89. Jerabek S, Asnis P, Bredella M, Ouellete H, Poon S, **Gill TJ**. Medial Patellar Ossification after Patellar Instability: a Radiographic Finding Indicative of Previous Patellar Subluxation/Dislocation. *Skeletal Radiol* 2009;38;785-790.

90. **Gill TJ**, Van de Velde S, Wing D, Oh L, Hosseini A, Li G. Tibiofemoral and Patellofemoral Kinematics after Reconstruction of an Isolated Posterior Cruciate Ligament Injury: An In Vivo Analysis during Lunge. *Am J Sports Med* 2009;10;1-9
91. Seon JK, Gadikota H, Oh L, **Gill TJ**, Li G. Prospective Comparative Study on Anterior Cruciate Ligament Reconstruction using the Double and Single bundle Techniques. *Am J Sports Med*. 2009; 37(9); 1705-1711.
92. Gadikota H, Kozanek M, Seon JK, Oh L, **Gill TJ**, Montgomery K, Li G. Biomechanical comparison of Single Tunnel-Double Bundle and Single Bundle Anterior Cruciate Ligament Reconstructions. *Am J Sports Med*. 2009; 37(5); 962-969.
93. Van de Velde S, Bingham J, Hosseini A, Kozanek M, DeFrate L, **Gill TJ**, Li G. Increased in-vivo tibiofemoral cartilage contact deformation in anterior cruciate ligament deficiency. *Arthritis Rheum* 2009; 60(12); 3693-3702.
94. Seon JK, Gadikota H, Kozanek M, Oh L, **Gill TJ**, Li G. The Effect of Anterior Cruciate Ligament Reconstruction on Kinematics of the Knee with Combined Anterior Cruciate Ligament Injury and Subtotal Medial Meniscectomy. *Arthroscopy* 2009;25:123-130.
95. Wu JL, Seon JK, Gadikota HR, Hosseini A, Sutton K, **Gill TJ**, Li G. In Situ Forces of the Anteromedial and Posterolateral Bundles of the Anterior Cruciate Ligament Under Simulated Functional Loading Conditions. *Am J Sports Med*. 2010; 38(3): 558-563.
96. Van de Velde SK, Bingham JT, **Gill TJ**, Li G. Analysis of tibiofemoral cartilage deformation in the posterior cruciate ligament-deficient knee. *J Bone Joint Surg*. 2009; 91:167-175.
97. Kozanek M, Fu EC, Van de Velde SK, **Gill TJ**, Li G. Posterolateral structures of the knee in posterior cruciate ligament deficiency. *Am J Sports Med* 2009;37(3), 534-541.
98. Van de Velde SK, **Gill TJ**, Li G. Evaluation of kinematics of ACL deficient knees with use of advanced imaging techniques, three-dimensional modeling techniques, and robotics. *J Bone Joint Surg Am*. 2009; 91:77.
99. Van de Velde SK, Bingham JT, **Gill TJ**, Li G. Analysis of tibiofemoral cartilage deformation in posterior cruciate ligament-deficient knee. *J Bone Joint Surg Am*. 2009; 91(1); 167-175.
100. Hosseini A, **Gill TJ**, Li G. In vivo anterior cruciate ligament elongation in response to axial tibial loads. *J Ortho Science* 2009;14(3):298-306.

101. Varadarajan KM, **Gill TJ**, Freiberg AA, Rubash HE, Li G. Gender differences in trochlear groove orientation and rotational kinematics of human knees. *J Ortho Res* 2009;27:871-878.
102. Chen NC, **Gill TJ**, Martin SD. Quantitative anatomy of medial femoral perforators of the distal thigh. *J Arthroplasty* 2009; 25(5); 803-806.
103. Hariri S, Savidge ET, Reinold MM, Zachazewski J, **Gill TJ**. Treatment of recalcitrant iliotibial band friction syndrome with open iliotibial band bursectomy: indications, technique, and clinical outcomes. *Am J Sports Med.* 2009;37(7):1417-1424.
104. Varadarajan KM, **Gill TJ**, Freiberg AA, Rubash HE, Li G. Gender differences in trochlear groove orientation and rotational kinematics of human knees. *J Orthop Res* 2009;27:871-878.
105. Varadarajan KM, **Gill TJ**, Freiberg AA, Rubash HE, Li G. Patellar orientation and patellar tracking in male and female knees. *J Orthop Res* 2010;28:322-328
106. Reinold MM, **Gill TJ**. Current concepts in the evaluation and treatment of the shoulder in overhead-throwing athletes. Part 1. Physical characteristics and clinical examination. *Sports Health* 2010;2:39-50.
107. Hosseini A, Van de Velde SK, Kozanek M, **Gill TJ**, Grodzinsky A, Rubash HE, Li G. In-vivo time-dependent articular cartilage contact behavior of the tibiofemoral joint. *Osteoarthritis and Cartilage* 2010; 18; 909-916
108. Van de Velde SK, Oh LS, Robertson WJ, Heyworth B, Gill III TJ, **Gill IV TJ**. The Improvement in Outcomes in Posterior Cruciate Ligament Surgery: A Case for Joint Biomechanics. *Minerva Ortop Traumatol*, 2010;61;1-12
109. Van De Velde SK, Hosseini A, Kozánek M, **Gill TJ**, Rubash He, Li G. Application guidelines for dynamic knee joint analysis with a dual fluoroscopic imaging system. *Acta Orthop. Belg.*, 2010; 76; 107-113
110. Gadikota HR, Wu J, Seon JK, Sutton K, **Gill TJ**, Li G. Single-Tunnel Double-Bundle Anterior Cruciate Ligament Reconstruction With Anatomical Placement of Hamstring Tendon Graft: Can It Restore Normal Knee Joint Kinematics? *Am J Sports Med.* 2010; 38(4):713-720.
111. Liu F, Kozanek M, Hosseini A, Van de Velde SK, **Gill TJ**, Rubash HE, Li G. In vivo tibiofemoral cartilage deformation during the stance phase of gait. *J Biomech.* 2010; 43(4):658-665.

112. Seon JK, Gadikota HR, Wu JL, Suttom KM, **Gill TJ**, Li G. Comparison of Single- and Double Bundle Anterior Cruciate Ligament Reconstructions in Restoration of Knee Kinematics and Anterior Cruciate Ligament Forces. *Am J Sports Med.* 2010; 38(7); 1359-1367.
113. Hosseini A, Van de Velde SK, Kozanek M, **Gill TJ**, Grodzinsky AJ, Rubash HE, Li G. In-vivo time-dependent articular cartilage contact behavior of the tibiofemoral joint. *Osteoarthritis Cartilage.* 2010; 18(7): 909-916.
114. Wu JL, Hosseini A, Kozanek M, Gadikota HR, **Gill TJ**, Li G. Kinematics of the Anterior Cruciate Ligament During Gait. *Am J Sports Med.* 2010; 38:1475-1482.
115. Wu JL, Seon JK, Gadikota HR, Hosseini A, Sutton KM, **Gill TJ**, Li G. In Situ Forces in the Anteromedial and Posterolateral Bundles of the Anterior Cruciate Ligament under Simulated Functional Loading Conditions. *Am J Sports Med.* 2010;38:558-563
116. Liu F, Yue B, Gadikota HR, Kozanek M, Liu W, **Gill TJ**, Rubash HE, Li G. Morphology of the medial collateral ligament of the knee. *J Orthop Surg Res.* 2010;16:5-69.
117. Alpert JM, Wuerz TH, O'Donnell TFX, Carroll KM, Brucker KM, **Gill TJ**. The Effect of Age of the Outcomes of Arthroscopic Repair of Type II Superior Labral Anterior and Posterior Lesions. *Am J Sports Med.* 2010; 38(11); 2299-2303.
118. Varadarajan KM, Freiberg AA, **Gill TJ**, Rubash HE, Li G. Relationship between three-dimensional geometry of the trochlear groove and in vivo patellar tracking during weight-bearing knee flexion. *J Biomech Eng.* 2010;132:061008.
119. Ferry AT, Graves T, Theodore GH, **Gill TJ**: Stress fractures in athletes. *Phys Sports Med* 2010;38:109-116.
120. Van de Velde SK, **Gill TJ**: Treatment for acute anterior cruciate ligament tear. *N Eng J Med* 2010;363:1871-1872.
121. Hosseini A, **Gill TJ**, Van de Velde SK, Li G: Estimation of In Vivo ACL Force Changes in Response to Increased Weightbearing. *J Biomech Eng* 2011;133:051004.
122. Gadikota HR, Seon JK, Chen CH, Wu JL, **Gill TJ**, Li G: In vitro and intraoperative laxities after single-bundle and double-bundle anterior cruciate ligament reconstructions. *Arthroscopy* 2011;27:849-60.
123. Liu F, Gadikota HR, Kozanek M, Hosseini A, Yue B, **Gill TJ**, Rubash HE, Li G: In vivo length patterns of the medial collateral ligament during the stance phase of gait. *Knee Surg Sports Traumatol Arthrosc* 2011;19:719-27.

124. Chen CH, Gadikota HR, **Gill TJ**, Li G: The effect of graft fixation sequence on force distribution in double-bundle anterior cruciate ligament reconstruction. *Knee Surg Sports Traumatol Arthrosc* 2011;19:712-718.
125. Gadikota HR, Seon JK, Wu JL, **Gill TJ**, Li G: The effect of isolated popliteus tendon complex injury on graft force in anterior cruciate ligament reconstructed knees. *Int Orthop*, 2011;35:1403-1408.
126. Seon JK, Gadikota HR, Wu JL, Sutton K, **Gill TJ**, Li G: Comparison of single- and double-bundle anterior cruciate ligament reconstructions in restoration of knee kinematics and anterior cruciate ligament forces. *Am J Sports Med* 38:1359-1367, 2010.
127. Robertson W, Griffith MH, Carroll JM, O'Donnell, **Gill TJ**: Arthroscopic versus open distal clavicle excision: A comparative assessment at intermediate-term follow up. *Am J Sports Med* 2011;39:2415-2420.
128. Seitz AL, Reinold M, Schneider RA, **Gill TJ**, Thigpen C: Altered 3-dimensional scapular resting posture does not alter scapular motion in the throwing shoulder of healthy professional baseball pitchers. *J Sports Rehabil* 2012;21:186-193.
129. **Gill TJ**, Van de Velde SK., Carroll KM, Robertson WJ, Heyworth BE. Surgical Technique Aperture Fixation in PCL Reconstruction: Applying Biomechanics to Surgery. *Clin Orthop Rel Res* 2012;470:853-860.
130. **Gill TJ**, Price MD, Antsey DE, Carroll KM. Arthroscopically-assisted biceps tenodesis using a suture anchor. *Curr Orthop Pract*, 2011;22:524-528.
131. Yoo JJ, Bichara DA, Zhao X, Randolph MA, **Gill TJ**. Implant-assisted Meniscal Repair In Vivo Using a Chondrocyte-seeded Flexible PLGA Scaffold. *J Biomed Mater Res A* 2011;99:102-108.
132. Chen CH, Gadikota HR, **Gill TJ**, Li G. The effect of graft fixation sequence on force distribution in double-bundle anterior cruciate ligament reconstruction. *Knee Surg Sports Traumatol Arthrosc*. 2011;19:712-718.
133. Gadikota HR, Seon JK, Chen CH, Wu JL, **Gill TJ**, Li G. In vitro and intraoperative laxities after single-bundle and double-bundle anterior cruciate ligament reconstructions. *Arthroscopy*. 2011;27:849-860.
134. Hosseini A, Lodhia P, Van de Velde SK, Asnis PD, Zarins B, **Gill TJ**, Li G. Tunnel position and graft orientation in failed anterior cruciate ligament reconstruction: a clinical and imaging analysis. *Int Orthop*. 2011;36:845-852.
135. Hosseini A, **Gill TJ**, Van de Velde SK, Li G. Estimation of in vivo ACL force changes in response to increased weightbearing. *J Biomech Eng*. 2011;133(5): 051004

136. Sim JA, Gadikota HR, Li JS, Li G, **Gill TJ**. Biomechanical Evaluation of Knee Joint Laxities and Graft Forces After Anterior Cruciate Ligament Reconstruction by Anteromedial Portal, Outside-In, and Transtibial Techniques. *Am J Sports Med*. 2011;39:2604-2610.
137. Li H, Hosseini A, Li JS, **Gill TJ**, Li G. Quantitative magnetic resonance imaging (MRI) morphological analysis of knee cartilage in healthy and anterior cruciate ligament-injured knees. *Knee Surg Sports Traumatol Arthrosc*. 2012;20:1496-1502.
138. Kozanek M, Hosseini A, Van de Velde SK, **Gill TJ**, Li G. Kinematic Evaluation of the Step-Up Exercise in Anterior Cruciate Ligament Deficiency. *Clin Biomech*. 2011;26:950-954.
139. Bichara DA, Zhao X, Bodugoz-Senturk H, Ballyns FP, Oral E, Randolph MA, Bonassar LJ, **Gill TJ**, Muratogli OK. Porous poly(vinylalcohol)-hydrogel matrix-engineered biosynthetic cartilage. *Tissue Eng Part A* 2011;17:301-309.
140. Seitz AL, Reinold M, Schneider RA, **Gill TJ**, Thigpen C. The effect of scapular position on 3-dimensional scapular motion in the throwing shoulder of healthy professional pitchers. *J Sports Rehab* 2012;21:186-193.
141. Roach NT, Lieberman DE, **Gill TJ**, IV, Palmer WE, Gill TJ, III. The effect of humeral torsion on rotational range of motion in the shoulder and throwing performance. *J Anat* 2012;220:293-301.
142. Anstey DA, Heyworth BE, Price MD, **Gill TJ**. Effect of Timing of ACL reconstruction surgery and development of meniscal and chondral lesions. *Phys Sports Med*. 2012;40:36-40.
143. Chen C, Li J, Hosseini A, Gadikota HR, **Gill TJ**, Li G. Anteroposterior Stability of the Knee During the Stance Phase of Gait After Anterior Cruciate Ligament Deficiency. *Gait and Posture*. 2012;35: 467-471.
144. **Gill TJ**, Carroll K, Hariri S. Open patellar tendon debridement for treatment of recalcitrant patellar tendinopathy: Indications, technique, and clinical outcomes after a two-year minimum follow-up. *Sports Health*. 2013;5:276-280
145. Suzuki T, Hosseini A, Li JS, **Gill TJ**, Li G. In vivo patella tracking and patellofemoral cartilage contacts during stair ascending. *J Biomech* 2012;45:2432-2437.
146. Massimini DF, Boyer PJ, Papannagari R, **Gill TJ**, Warner JP, Li G. In vitro glenohumeral translation and ligament elongation during abduction and abduction with internal and external rotation. *J Orthop Surg Res* 2012;7:29-35.

147. Hosseini A, Van de Velde, **Gill TJ**, Li G. Tibiofemoral cartilage contact biomechanics in patients after reconstruction of a ruptured anterior cruciate ligament. *J Orthop Res* 2012;30:1781-1788
148. Zhao X, Bichara DA, Ballyns FP, Yoo JJ, Ong W, Randolph MA, Bonassar LJ, **Gill TJ**. Properties of cartilage engineered from elderly human chondrocytes for articular surface repair. *Tissue Eng Part A*. 2012;18:1490-1499.
149. Gadikota HR, Sim JA, Hosseini A, **Gill TJ**, Li G. The relationship between femoral tunnels created by the transtibial, anteromedial portal, and outside-in techniques and the anterior cruciate ligament footprint. *Am J Sports Med* 2012;40:882-888.
150. Heyworth BE, Carroll KM, Dawson CK, **Gill TJ**. Open lateral retinacular closure surgery for treatment of anterolateral knee pain and disability after arthroscopic lateral retinacular release. *Am J Sports Med* 2012;40:376-382.
151. LeClere LE, Asnis PA, Griffith MH, Granito D, Berkson EM, **Gill TJ**. Shoulder instability in the NFL. *Sports Health* 2013;5:455-457.
152. **Gill TJ**, Van de Velde SK, Carroll KM, Robertson WJ, Heyworth BE. Aperture fixation in PCL reconstruction: applying biomechanics to surgery. *Clin Orthop Relat Res*. 2012;470:853-60
153. Hosseini A, Lodhia P, Van de Velde SK, Asnis PD, Zarins B, **Gill TJ**, Li G. Tunnel position and graft orientation in failed anterior cruciate ligament reconstruction: clinical and imaging analysis. *Int Orthop* 2012;36:845-852
154. Hosseini A, van de Velde SK, **Gill TJ**, Li G. Tibiofemoral cartilage contact biomechanics in patients after reconstruction of a ruptured anterior cruciate ligament. *J Orthop Res* 2012;30:1781-1788.
155. Gadikota HR, Kikuta S, Qi W, Nolan D, **Gill TJ**, Li G. Effect of increased iliotibial band load on tibiofemoral kinematics and force distribution: a direct measurement in cadaveric knees. *J Orthop Sports Phys Therapy* 2013:478-485.
156. **Gill TJ**, Carroll K, Hariri S. Open patellar tendon debridement for treatment of recalcitrant patellar tendinopathy: Indications, technique, and clinical outcomes after a two-year minimum follow-up. *Sports Health*. 2013;5:276-280.
157. Simeone FJ, Huang AJ, Chang CY, Smith M, **Gill TJ**, Bredella MA, Torriani M: Posteromedial knee friction Syndrome: An entity with medial knee pain and edema between the femoral condyle, sartorius and gracilis. *Skeletal Radiol* 2014; Dec 20.
158. Omobono MA, Zhao X, Furlong MA, Kwon CH, **Gill TJ**, Randolph MA, Redmond RW: Enhancing the stiffness of collagen hydrogels for delivery of encapsulated chondrocytes to articular lesions for cartilage regeneration. *J Biomater Res A* 2014, Jul 7

159. Torriani M, Taneja AK, Hosseini A, **Gill TJ**, Bredella MA, Li G. T2 relaxometry of the infrapatellar fat pad after arthroscopic surgery. *Skeletal Radiol* 2014;43:315-322.
160. **Gill TJ**, Carroll K, Makani A, Dumont, GD, Wall AJ, Cohn RM. Surgical technique for treatment of adductor longus tendinopathy. *Arthroscopy Tech* 2014;28:293-297.
161. **Gill TJ**. SLAP/superior glenohumeral ligament technical tip. *Arthroscopy* 2015, in press.
162. Vezeridis PS, Hosseini A, Gwathmey FW, Park KK, Liu X, Li G, **Gill TJ**. Knee kinematics following isolated posterolateral corner reconstruction: An in vivo robotic investigation. Submitted.
163. Hosseini A, Li JS, **Gill TJ**, Li G. Meniscus Injuries Alter the Kinematics of the Knees With ACL Deficiency. *Orthop J Sports Med*. 2014
164. Liu X, Li JS, Hosseini A, **Gill TJ**, Li G: Anteromedial and posterolateral graft kinematics of a double-bundle ACL reconstruction: A 3D computer simulation. *Int J Med Robot* 2015; Jan 27.
165. Bae J-H, Hosseini A, Wang Y, Torriani M, **Gill TJ**, Grodzinsky A, Li G. Articular Cartilage of the Knee at 3 Years after ACL Reconstruction: A quantitative T2 relaxometry analysis. *Acta Orthopaedica*, 2015 (In press)
166. Dumont G, Russell RD, Wilson PL, Coyner KJ, Cohn RM, Makani A, **Gill TJ**, Robertson WJ. Identification of Anterior Cruciate Ligament Tunnel Drilling Technique Using X-Ray. *Texas Orthop J* 2015;39-44.
167. Johnson WR, Makani A, Wall AJ, Hampilos P, Li G, Gill TJ. Patient outcomes and predictors of success following revision ACL reconstruction. *Orthop J Sports Med*, 2015;3(10)

Books

- 1) *Complications of Shoulder Surgery*. Gill TJ, Hawkins, RJ, eds. Lippincott, 2006
- 2) *Arthroscopic Techniques of the Knee*. Gill TJ, ed. Slack, 2009
- 3) *Joelho Tecnicas Artriscopicas*. Gill, TJ, ed. Revinter, 2011

Reviews, Chapters and Editorials

- 1) **Gill TJ**, Micheli LJ. Shoulder instability. In: *The American College of Sports Medicine's Sports Medicine Review*, Sallis RE, Massimino F, eds. Philadelphia: Mosby, 1997:132-4.

- 2) **Gill TJ**, Micheli LJ. Shoulder instability. In: The American College of Sports Medicine's Essentials of Sports Medicine. Sallis RE, Massimino F, eds. Philadelphia: Mosby-Year Book, 1997:277-84.
- 3) **Gill TJ**, Warren RF, Rockwood CA, Craig EV, Cofield RH, Hawkins RJ. Complications of shoulder surgery. AAOS Instructional Course Lectures 1999;48:359-374.
- 4) Higgs GB, **Gill TJ**, Warner JJP. Shoulder arthroplasty: Glenoid Resurfacing or Not? Seminars in Arthroplasty, 11:34-45, 2000
- 5) Higgs GB, **Gill TJ**, Warner JJP: Surgical Anatomy of the Shoulder. In Surgical Anatomy of the Hand and Upper Extremity, Doyle, JR and Botte, M (eds). Lippincott William and Wilkins. 2002.
- 6) **Gill TJ**. The use of viscosupplementation in the treatment of osteoarthritis in the knee. Clinical Challenges in Osteoarthritis and Viscosupplementation. 1:12-14, 2000
- 7) **Gill TJ** and Zarins B. Open repairs for the treatment of anterior shoulder instability. Am J Sports Med, 2003;31:142-153.
- 8) Hertel R, **Gill TJ**, Lambert S. Rotator cuff tears. In: Oxford Textbook of Orthopedics and Trauma. Oxford University Press. 682-690: 2002.
- 9) Manifold SG, Kelly M, Richardson L, **Gill TJ**. Osteotomies Above the Knee. In: Orthopedics, ed. Fitzgerald RH, Kaufer H, Malkani AL. Mosby, 2002:947-960.
- 10) **Gill TJ**, Steadman JR. ACL Reconstruction with Patella Tendon Autograft: The Two-incision Technique. Orthop Clinics North Am 2002:727-735.
- 11) **Gill TJ**, Steadman JR. Bone-marrow stimulation techniques: Microfracture, Drilling and Abrasion. In: Articular Cartilage Lesions – A Practical Guide to Assessment and Treatment, ed. Cole B and Malek M. Springer, 2004:63-72.
- 12) Brunelli MP, **Gill TJ**. Fractures and tendon injuries of the athletic shoulder. Orthop Clinics North Am, 33:497-508, 2002
- 13) **Gill TJ**. Outcome of arthroscopic rotator cuff repair. Invited commentary, J Bone Joint Surg, 2004
- 14) Adams SB, Randolph MA, **Gill TJ**. Tissue Engineering for Meniscus Repair. J Knee Surg, 2005;18:25-30
- 15) Randolph MA, **Gill TJ**. Tissue Engineered Meniscal Tissue. In: Scaffolding in Tissue Engineering, ed. Ma PX and Elisseeff J, CRC Press, 565-584, 2006

- 16) **Gill TJ**, Web Commentary on: Effect of Early Full Weight-Bearing After Joint Injury On Inflammation And Cartilage Degradation. Green DM, Noble PC, Bocell JR Jr., Ahuro JS, Poteet BA, Birdsall HH., *J Bone Joint Surg*, 2006;88:2201-2209.
- 17) Mithoefer K, **Gill TJ**. Fracture Complications After Anterior Cruciate Ligament Reconstruction. In: *The Anterior Cruciate Ligament: Reconstruction and Basic Science*. Ed. Prodromos CC. Saunders, 2008:598-606.
- 18) Dutcheshen NT, Adams SB, Randolph MA, **Gill TJ**. Meniscus tears: Current strategies for repair, rehabilitation and the future of tissue engineering. *Minerva Ortopedica e Traumatologia* 2007;58:179-192.
- 19) Asnis PD, Berkson EM, **Gill TJ**. Pediatric Shoulder Injuries In: *The Athlete's Shoulder*. Andrews, Wilk, Reinold, eds. Elsevier Health Sciences, 508-513, 2008.
- 20) Mayman D, **Gill TJ**. Injuries to the Meniscus and Articular Cartilage. In: *Pathology and Intervention in Musculoskeletal Rehabilitation*. Ed. Magee DJ, Zachazewski JE, Quillen WS, Manke RC. Elsevier, 2015.
- 21) Ferry AT, Graves T, Theodore G, **Gill TJ**. Stress Fractures in Athletes. *The Physician and Sports Medicine*; 38(2): 2010.
- 22) Benton E. Heyworth, MD; **Thomas J. Gill, IV**, MD. Anterior Cruciate Ligament Reconstruction via the Anteromedial Portal and Single Tunnel, Double Bundle Technique. Fifth Edition of *Insall and Scott's Surgery of the Knee*. Elsevier, 2012.
- 23) Anne S. Viser, Michael M. Reinold, Kyle J. Rodenhi, **Thomas J. Gill**. *The Shoulder Complex*. First Edition of *Exercise Therapy in the Management of Musculoskeletal Disorders*. Wiley Blackwell, 94-112, 2011
- 24) DeGrace D, **Gill TJ**. Anterior cruciate ligament reconstruction: Epidemiology and natural history. In *AAOS Monographs vol 53, Anterior Cruciate Ligament Reconstruction: Evolving Concepts*, 2013:1-16.
- 25) DeGrace DM, **Gill TJ IV**, Gill TJ III. Analysis of medial collateral ligament injuries of the knee. *Orthop J Harvard Med Sch*.2013;15:13-24.
- 26) Carroll KM, Cventanovich G, Heyworth BE, van de Velde SK, **Gill TJ**. Approach to the management of the patient with the multiligament-injured knee. *Orthop J Harvard Med Sch* 2013;5:54-64.
- 27) Vezeridis P, **Gill TJ**. Indications and technique of adductor longus tenotomy for the treatment of groin pain, In *Hip Pain in the Athlete*, Diduch D (ed), In press.

- 28) Heyworth BE, Wall A, **Gill TJ**, MD. Anterior Cruciate Ligament Reconstruction via the Anteromedial Portal and Single Tunnel, Double Bundle Technique. Sixth Edition of Insall and Scott's Surgery of the Knee. Elsevier, 2015.
- 29) **Gill TJ**, Wall A, Mithoefer K. Fracture Complications After Anterior Cruciate Ligament Reconstruction. In: *The Anterior Cruciate Ligament: Reconstruction and Basic Science*. Ed. Prodromos CC. Saunders, 2015.
- 30) **Gill TJ**, Wall A, Petruska A, Mayman D. Injuries to the Meniscus and Articular Cartilage. In: *Pathology and Intervention in Musculoskeletal Rehabilitation*. Ed. Magee DJ, Zachazewski JE, Quillen WS, Manke RC. Elsevier, Second Edition, 2015
- 31) Magri, D, **Gill TJ**. Analysis of Medial Collateral Ligament Injuries of the Knee. *The Harvard Orthopaedic Journal*. 2013 Dec:15:13-24.
- 32) DeGrace D, **Gill TJ**, Epidemiology and natural history of anterior cruciate ligament injuries. Chapter one in the AAOS monograph *Anterior Cruciate Ligament Reconstruction: Evolving Concepts*. Edited by Orr Limpisvasti and Neal ElAttrache. AAOS 2013 Nov: pages 1-15.

Proceedings of Meetings

- 1) **Gill TJ**. The mechanism of the microfracture technique. *Annales de la Societe Francaise d'Arthroscopie* 197-198, 1999, Paris, France
- 2) **Gill TJ**, Steadman JR. The technique and results of microfracture for the treatment of articular cartilage defects in the knee. *Annales de la Societe Francaise d'Arthroscopie* 227-230, 1999, Paris, France

Nonprint material

- 1) **Gill TJ**, Steadman JR, Management of the symptomatic focal chondral defect in the knee: The microfracture technique. In: *Alternative Treatments for the Arthritic Knee: Cartilage Transplantation*. Ed. Rosenberg AA, Mabrey JD, Woolson ST, Cole BJ. AAOS CD-ROM.
- 2) **Gill TJ**. The Role of Viscosupplementation in Osteoarthritis of the Knee. In: *Advancing the Scientific Basis of Orthopedic Interventions: Current and Future Treatment Options*. CME Program CD-ROM.
- 3) **Gill TJ**. Glenohumeral Arthrosis in the Athlete. In: *The Athlete's Shoulder*. Ed. Pearl ML and Hawkins RJ, AAOS CD-ROM. 2003.

- 4) Benton E. Heyworth, MD; **Thomas J. Gill, IV**, MD. Anterior Cruciate Ligament Reconstruction via the Anteromedial Portal and Single Tunnel, Double Bundle Technique. DVD, 2011

Abstracts, Posters and Exhibits

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