

Matthew A. Pifer M.D., M.S.

Board certified, fellowship trained orthopaedic surgeon specializing in sports medicine, arthroscopic surgery, and general orthopaedic care.

<http://www.matthewpifermd.com/>

Practice in Orthopaedic Surgery

Oct 2016 - Present **The Spine and Orthopedic Center** Santa Barbara, CA

2014 – Sept 2016 **Orthopaedic Specialists of Wilkes** (under the Carolinas Healthcare System)
Wilkesboro, NC

Post Graduate Education and Training

2013-2014 **Fellowship - Orthopaedic Sports Medicine (ACGME Accredited)**
Kaiser Permanente Hospital Systems San Diego, CA

2008-2013 **Internship/Residency - Orthopaedic Surgery**
Oakland University William Beaumont School of Medicine Royal Oak, MI

Education

2004-2008 **Doctor of Medicine**
Case Western Reserve University School of Medicine Cleveland, OH

2002-2005 **Masters of Science in Applied Anatomy**
Case Western Reserve University School of Medicine Cleveland, OH

1997-2002 **Bachelor of Science – Double Major in Biology & Chemistry**
Ashland University Ashland, OH

Medical Licensures

Medical Board of California Physician and Surgeon	Status: Active
California Department of Public health Fluoroscopy X-Ray Supervisor and Operator	Status: Active
DEA Controlled Substance	Status: Active
NPI	Status: Active

Board Certification

The American Board of Orthopaedic Surgery (ABOS)	Part 1	Passed	May 2013
The American Board of Orthopaedic Surgery (ABOS)	Part 2	Passed	July 2016

Professional Society Memberships

2016-Present California Medical Association
2011-Present Arthroscopy Association of North America (AANA) - Associate Member
2008-Present American Academy of Orthopaedic Surgeons (AAOS) - Associate Member
2004-Present American Medical Association

Honors/Awards

Orthopaedic Practice

2017 Super Doctors Magazine - Southern California Rising Stars 2018 List

Case Western Reserve School of Medicine

2005 Herbert S. Steuer Memorial Award for Work in Anatomy

Ashland University

2000-2001 NCAA Football, GLIAC Academic All-Conference
1998, 2000 Dave Williams Science Award
1999-2002 Fred M. Martinelli Scholarship
1997-2002 Academic Achievement Scholarship
1997-2002 Beta Beta Beta, National Biology Honorary

Athletic Honors/Awards

NCAA Football: Ashland University

Team Record Holder: 3rd All time leading scorer
Team Record Holder: 2nd All time field goals in career
Special Teams Player of the Year 2001
NCAA DII Don Hansen Preseason All-American 2001
NCAA DII National Player of the Week Nov 2000
GLIAC Conference Player of the Week: Sep 1999, Nov 2000, Nov 2001
GLIAC 1st Team All-Conference: 2000, 2nd Team 2001

Team Coverage Experience

2017-Present	College Football: Physician to Santa Barbara Community College Football Team	Santa Barbara, CA
2016-Present	College Physicals: All Sports, Santa Barbara City College	Santa Barbara, CA
2013	College Football: Physician to Southwestern College Football Team	Chula Vista, CA
2013	High School Football: Primary Physician to Chula Vista Football Team	Chula Vista, CA
2010-2012	NFL: Detroit Lions: Training room and preseason physicals with Kyle Anderson M.D.	Detroit, MI
2010-2012	High School Football: Coverage for 7 regional teams with Joseph Guettler, M.D.	Detroit, MI

Leadership Positions

2017-Present	Member of Cottage Hospital Orthopedic and Spine Co-Management Group	Santa Barbara, CA
2016	Head of Orthopaedic Surgical Department for Wilkes Regional Hospital	Wilkesboro, NC
2015	Physician representative for Hospital IT steering committee for Wilkes Regional Medical Center	Wilkesboro, NC
2013	Clinical Anatomy instructor for medical students Oakwood University William Beaumont School of Medicine	Royal Oak, MI

2012-2013	American Academy of Orthopaedic Surgeons (AAOS) Resident Liaison William Beaumont Hospital Department of Orthopaedic Surgery	Royal Oak, MI
2009-2013	Applicant Review Committee William Beaumont Hospital Department of Orthopaedic Surgery	Royal Oak, MI
2005-2008	Tutor for 1 st and 2 nd year medical students Case School of Medicine	Cleveland, OH

Research Publications

Topp R, **Pifer M**. A Preliminary Study Into the Effect of 2 Resistance Training Modes on Proprioception of Subjects with Knee Osteoarthritis. *Journal of Performance Health*. 2017. 1(1): 26-38, DOI:10.25036/jphr2017.1.1.topp <http://www.performancehealthresearch.com/article/1803>

Anakwenze OA, **Pifer MA**, Singh A. [Clavicle stress fracture after reverse shoulder arthroplasty](#). *J Shoulder Elbow Surg*. 2014 Jul;23(7):e170-2. doi: 10.1016/j.jse.2014.03.015. PMID:24929749

Pifer MA, Maerz T, Baker KC, Anderson K. [Matrix Metalloproteinase Content and Activity in Low-Platelet, Low-Leukocyte and High-Platelet, High-Leukocyte Platelet Rich Plasma \(PRP\) and the Biologic Response to PRP by Human Ligament Fibroblasts](#). *Am J Sports Med*. 2014 May;42(5):1211-8. doi: 10.1177/0363546514524710.Epub 2014 Mar 13.PMID: 24627579

Pifer M, Ashfaq K, Maerz T, Jackson A, Baker K, Anderson K. [Intra- and interdisciplinary agreement in the rating of acromioclavicular joint dislocations](#). *Phys Sportsmed*. 2013 Nov;41(4):25-32. doi: 10.3810/psm.2013.11.2033. PMID: 24231594

Lynch JL, **Pifer MA**, Maerz T, Kurdziel MD, Davidson AA, Baker KC, Anderson K. [The Graft Link ulnar collateral ligament reconstruction: biomechanical comparison with the docking technique in both kinematics and failure tests](#). *Am J Sports Med*. 2013 Oct;41(10):2278-87. doi: 10.1177/0363546513498999. Epub 2013 Aug 12. PMID:23940203

Pifer MA, Kibuule LK, Maerz T, Studzinski DM, Baker KC, Herkowitz HN. In vitro response of human chondrocytes to a combination of growth factors and a proteinase inhibitor. *Orthopedics*. 2012 Jan;35(1):35-42. PMID: 22229919

Joseph SM, **Pifer MA**, Przybylski RJ, Dubyak GR. Methylene ATP analogs as modulators of extracellular ATP metabolism and accumulation. *Br J Pharmacol*. 2004 Jun 21 PMID: 15210578

Ditmyer MM, Topp R, **Pifer M**. Prehabilitation in preparation for orthopaedic surgery. *Orthop Nurs*. 2002 Sep-Oct;21(5):43-51; quiz 52-4. Review. PMID: 12432699

Book Publications/Chapters

Sgaglione, Nicholas. Lubowitz, James. Provencher, Matthew. *The Knee. AANA Advanced Arthroscopic Surgical Techniques*. SLACK Inc, 2016. **Chapter 12: Reconstruction of the MPFL For Instability**.

Reider, Bruce. Davis, George. Provencher, Matthew. *Orthopaedic Rehabilitation of the Athlete. Getting Back In the Game*. Saunders, 2015 **Chapter 28: Nonoperative Rehabilitation of Patellar Instability, Postoperative Rehabilitation after proximal realignment procedures and MPFL reconstruction**.

Presentations

Pifer, M; Maerz, T; Baker, K; Anderson. K. Matrix Metalloproteinase Content and Activity in PRP and Biologic Response to PRP by Human Ligament Fibroblasts. American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting. Chicago, IL. March 19th-23rd 2013

Pifer, M; Maerz, T; Baker, K; Anderson. K. Active Matrix Metalloproteinases (MMPs) in Platelet-rich Plasma (PRP) Modulate the Release of MMPs from Human Ligament Fibroblasts. Michigan Orthopaedics Society (MOS) Annual Meeting. Macinac Island, MI. June 17th 2012

Pifer, M; Maerz, T; Baker, K; Anderson. K. Matrix Metalloproteinases (MMPs) in Platelet-Rich Plasma (PRP) and the Effect of PRP in Combination with Doxycycline and Simvastatin on Ligament Fibroblasts. Michigan Orthopaedics Society (MOS) Annual Meeting. Macinac Island, MI. June 25th 2011

Pifer, M; Ashfaq, K; Jackson, A; Maerz, T; Baker, K; Anderson. K. Inter- and Intradepartmental Agreement in the Rating of Acromioclavicular (AC) Joint Dislocations: Orthopaedic Surgery, Emergency Medicine, and Musculoskeletal Radiology Compared. Michigan Orthopaedics Society (MOS) Annual Meeting. Macinac Island, MI. June 25th 2011

Pifer, M; Maerz, T; Baker, K; Anderson. K. Matrix Metalloproteinases (MMPs) in Platelet-Rich Plasma (PRP) and the Effect of PRP in Combination with Doxycycline and Simvastatin on Ligament Fibroblasts. 2011 NFL Physicians Society Scientific Meeting. Indianapolis IN. February 24th-27th

Pifer, M; Kibuule, L; Maerz, T; Baker, K C; Studzinski, D; Baker, K; Herkowitz, H. In Vitro Response of Human Chondrocytes to a Combination of Growth Factors and a Proteinase Inhibitor: Implications for Intervertebral Disc Regeneration. Orthopaedic Research Society (ORS) Annual Meeting. Long Beach, Ca. January 13th -16th, 2011

Pifer, M; Kibuule, L; Maerz, T; Baker, K C; Studzinski, D; Herkowitz, H. Advanced Healing of the Intervertebral Disc using Anabolic Growth Factors and a Catabolic Inhibitor. American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting. February 15th-19th. San Diego CA 2011

Pifer, M; Kibuule, L; Maerz, T; Baker, K C; Studzinski, D; Baker, K; Herkowitz, H. Tissue Engineering of the Intervertebral Disc Using Anabolic and Catabolic Cytokine Combinations. Michigan Orthopaedic Society (MOS) Annual Meeting. Mackinac Island, MI. June 18th -20th, 2010.

Kibuule, L; **Pifer, M;** Maerz, T; Baker, K C; Studzinski, D; Baker, K; Herkowitz, H. Combining Anabolic Growth Factors and a Catabolic Inhibitor to Increase Extracellular Matrix Production in Chondrocytes for Lumbar Intervertebral Disc Cell Transplantation.. Lumbar Spine Research Society (LSRS). Chicago, IL. April 8th, 2010

Conferences/Courses Attended

Apr 2017	Arthrex Masters Shoulder Arthroplasty Course	Los Angeles, CA
Mar 2017	American Academy of Orthopaedic Surgeons Annual Meeting	San Diego, CA
Feb 2016	DePuy Synthes Anatomic to Shoulder Arthroplasty Course	Tampa, FL
Oct 2015	Arthrex Greenville Shoulder Symposium	Greenville, SC
Jun 2014	San Diego Shoulder Meeting	San Diego, CA
May 2014	Arthrex Fellows Course	Naples, FL
Mar 2014	American Academy of Orthopaedic Surgeons Annual Meeting	New Orleans, LA
Jun 2013	Michigan Orthopaedic Society Annual Scientific Conference	Mackinac Island, MI
May 2013	American Academy of Orthopaedic Surgeons Annual Meeting	Chicago, IL
Mar 2013	Stryker Resident Shoulder & Elbow Dissection Course	Tampa, FL
Sept 2012	Exactech Fellowship Course in Shoulder Arthroplasty	New York, NY
Jun 2012	Michigan Orthopaedic Society Annual Scientific Conference	Mackinac Island, MI
Jun 2011	Michigan Orthopaedic Society Annual Scientific Conference	Mackinac Island, MI
Mar 2011	AAOS/AOSSM Sports Medicine Course: Elite Athletes to Weekend Warriors	Vail, CO
Nov 2010	Stryker Advanced Nailing & MIPO Techniques Dissection Course	Phoenix, AZ
Jan 2010	AAOS/OTA Resident Trauma Course	San Diego, CA

Consulting Agreements

2017-Present	Arthrex, Inc.	- Development of surgical instrumentation and techniques.
2017-Present	Orthobullets.com	- Co-author of website and development of surgical techniques and videos.
2017-Present	InTouch Health, Inc.	- Medical systems consulting for application with telemedicine technology.

Entrepreneurial Endeavors

2017- Present	Aurum Medical, Inc.	- Medical consulting company	- Founder and president
2015- Present	Kitrex, LLC	- Medical device design company.	- Co-founder

Hobbies and Interests

Family, road and mountain biking, golf, movies, craft beer, strength and conditioning training.