

CURRICULUM VITAE

FRANK A. PETRIGLIANO, M.D.

MAY 4, 2022

PERSONAL INFORMATION:

Work

Toyota Sports Performance Center
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El Segundo, CA 90245
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EDUCATION AND PROFESSIONAL APPOINTMENTS

EDUCATION:

1998-2003 Doctor of Medicine, Robert Wood Johnson Medical School, Piscataway, New Jersey
1996-1997 Extramural Study, University of South Wales, Sydney, Australia
1994-1998 Bachelor of Arts, Biological Sciences, Cornell University, Ithaca, New York

POST-GRADUATE TRAINING:

2009-2010 Fellow, Sports Medicine & Shoulder Service, Hospital for Special Surgery, New York, NY
2005-2006 Fellow, Orthopaedic Research Laboratory, David Geffen SOM, University of California, Los Angeles
2004-2009 Residency, Orthopaedic Surgery, David Geffen SOM, University of California, Los Angeles
2003-2004 Internship, General Surgery, David Geffen SOM, University of California, Los Angeles

ACADEMIC APPOINTMENTS:

2019-Present Assoc. Clinical Professor Dept. of Orthopaedic Surgery, Keck SOM, USC
2016-2019 Assoc. Professor in Residence Dept. of Orthopaedic Surgery, David Geffen SOM, UCLA
2010-2016 Asst. Professor in Residence Dept. of Orthopaedic Surgery, David Geffen SOM, UCLA
2009-2010 Clinical Instructor Dept. of Orthopaedic Surgery, Weill Cornell Medical College

CLINICAL APPOINTMENTS:

2019-Present Attending Surgeon Keck Medicine of USC
2010- 2019 Attending Surgeon Ronald Reagan Medical Center - UCLA
2010- 2019 Attending Surgeon Santa Monica Orthopaedic Hospital – UCLA
2010- 2019 Attending Surgeon Olive View Medical Center – UCLA
2010-2018 Attending Surgeon West Los Angeles Veterans' Administration Hospital

SPECIAL APPOINTMENTS:

2009-2010 Consultant Physician United States Tennis Association, United States Open
2009-2010 Assistant Team Physician New Jersey Nets Basketball Club
2009-2010 Assistant Team Physician Iona College Department of Athletics
2010-2019 Associate Team Physician UCLA Department of Athletics
2010-2019 Associate Team Physician UCLA Football Team
2010-2013 Head Team Physician UCLA Men's Volleyball Team

2010-2013	Head Team Physician	UCLA Softball Team
2013-2019	Head Team Physician	UCLA Baseball Team
2013-2019	Head Team Physician	UCLA Men's Soccer Team
2013-2019	Head Team Physician	UCLA Women's Gymnastics Team
2017-2019	Associate Team Physician	UCLA Men's Basketball Team
2014-2019	Associate Residency Program Director	UCLA Department of Orthopaedic Surgery
2014-2016	Representative for Dept. of Orthopaedic Surgery	UCLA Health Leadership Academy
2019-Present	Team Physician	USC Department of Athletics
2019-Present	Head Team Physician/Medical Director	Los Angeles Kings Hockey Club

LICENSURE, CERTIFICATIONS

LICENSURE:

2004	A90515. California State Medical License, Active (Expires 10/31/23)
2004	RHC00163675, California Fluoroscopy License, Active (Expires 10/31/23)
2004	BP9219660, Active (Expires 3/31/23)

BOARD CERTIFICATION OR ELIGIBILITY:

2012	American Board of Orthopaedic Surgery
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SPECIALTY CERTIFICATION:

2003	Diplomat, National Board of Medical Examiners
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HONORS, AWARDS:

2022	Distinguished Speaker	American Society of Shoulder and Elbow Therapists
2020-21	Top Doctors	Los Angeles Magazine
2019	Invited Lecturer	USC Dept of Ortho Surgery - Robert Kerlan Memorial Lecture
2019	Faculty Teaching Award	UCLA/OIC Department of Orthopaedic Surgery
2019	Invited Lecturer	92 nd Meeting of the Japanese Orthopaedic Association
2018-21	Top Doctors	Castle Connolly
2018	Physician of the Year	UCLA Department of Orthopaedic Surgery
2018	Charles Neer Award	ASES Annual Open Meeting, New Orleans, LA
2017	Bart Mann Award	AOSSM Meeting, Toronto, Canada
2017	Best Poster	AOSSM Meeting, Toronto, Canada
2016-21	Super Doctor	Super Doctors
2016	Best Poster	AOSSM Annual Meeting, Colorado Springs, CO
2015	Co-Host	European Society of Sports Traumatology, Knee Surgery and Arthroscopy Traveling Fellowship
2014	Fellow	AOSSM European Exchange Sports Medicine Traveling Fellowship
2014	Visiting Lecturer	Centre Orthopedique Paul Santy, Lyon, France
2014	Visiting Lecturer	Hopitaux Universitaires de Geneve, Geneva, Switzerland
2014	Visiting Lecturer	Ambroise Pare Hospital, Boulogne, Paris, France
2014	Visiting Lecturer	Policlinico San Donato IRCCS Hospital, Milan, Italy
2014	Visiting Lecturer	University of Oslo, Oslo, Norway

2012	Invited Lecturer	USC Dept. of Orthopaedic Surgery
2010	Aircast Award for Best Basic Science Paper	AOSSM Annual Meeting, Providence, RI
2010	Irving and Sally Lipstock Fellow	Hospital for Special Surgery, New York, NY
2008-2009	Administrative Chief Resident	UCLA Department of Orthopaedic Surgery
2008	Clinician Scientist Development Program	AAOS
2007	WOA Resident Award	Western Orthopaedic Association Annual Meeting
2007	Depuy Resident Research	California Orthopaedic Association Annual Meeting
2003	Robert Wood Johnson MS - Valedictorian	Robert Wood Johnson MS, New Brunswick, NJ
2002	Alpha Omega Alpha Inductee	Robert Wood Johnson MS, New Brunswick, NJ
2002	JT Tai & Co. Foundation Scholarship	Robert Wood Johnson MS, New Brunswick, NJ
2000	Student Scholar Program	Robert Wood Johnson MS, New Brunswick, NJ
1994	Unilever Research Scholarship	Unilever Research and Development, Edgewater, NJ

TEACHING

RESIDENT MENTORSHIP:

Karren Takkaurra, MD	UCLA, Class of 2022
Gina Mosich, MD	UCLA, Class of 2021
Andrew Jensen, MD	UCLA, Class of 2019
Ken Yamaguchi, MD	UCLA, Class of 2019
Ed Cheung, MD	UCLA, Class of 2018
Natalie Leong, MD	UCLA, Class of 2017
Dean Wang, MD	UCLA, Class of 2017
Trevor Scott, MD	UCLA, Class of 2016
Scott Montgomery, MD	UCLA, Class of 2015

UNDERGRADUATE, GRADUATE AND MEDICAL STUDENT (OR OTHER) MENTORSHIP:

Theo DiPauli	Undergraduate	Union College, Class of 2017
Jacob Bogdanov	Undergraduate	UCLA, Class of 2016
Cameron Garagzolo	Undergraduate	UCLA, Class of 2015
Azadeh Nazemi	Undergraduate	UCLA, Class of 2014
Gabe Arom	Undergraduate	UCLA, Class of 2011
Paras Shah	Undergraduate	UCLA, Class of 2017
Brandon Levain	Undergraduate	UCLA, Class of 2020
Elan Karlin	Undergraduate	UCLA, Class of 2020
Jonathan Gatto	Medical Student	UCLA, Class of 2020
Abhinav Sharma	Medical Student	UCLA, Class of 2020
Regina Husman	Medical Student	UCLA, Class of 2020
Allison Ariniello	Medical Student	UCLA, Class of 2019
Brandon Vu	Medical Student	UCLA, Class of 2019
Robert Maciel	Medical Student	UCLA, Class of 2017

Benjamin Kelly	Medical Student	UCLA, Class of 2017
Sahar Rosenblum	Medical Student	UCLA, Class of 2016
Yermie Cohen	Medical Student	UCLA, Class of 2016
Joanne Zhang	Medical Student	Duke University, Class of 2016
Chad Ishmael	Medical Student	Cornell University, Class of 2014
Claire Eliasberg	Medical Student	UCLA, Class of 2016
Armin Arshi	Medical Student	UCLA, Class of 2016
Nima Nassiri	Medical Student	UCLA, Class of 2015
Owen McBride	Medical Student	UCLA, Class of 2017
Adam Khan	Medical Student	UCLA, Class of 2016
Kyle Natsuhara	Medical Student	UCLA, Class of 2015
Nirav Joshi	Medical Student	University of Miami, Class of 2016
Omar Medina	Medical Student	UCLA, Class of 2015
Felipe Ituarte	Medical Student	UCLA, Class of 2014
Kunal Suhija	Medical Student	UCLA, Class of 2014
Paul Yang	Medical Student	University of Miami, Class of 2014
Rodney Terrell	Medical Student	UCLA, Class of 2012
Michael Yeranosian	Medical Student	UC San Diego, Class of 2012
Steve Donohoe	Medical Student	UCLA, Class of 2014
Benjamin Shin	Medical Student	UCLA, Class of 2015
Evan Vellios	Medical Student	UCLA, Class of 2014
Brock Foster	Medical Student	UCLA, Class of 2013
Thomas Kowalski, MD, PhD	Foreign Fellow	Poland, 2013-2015
Genbin Wu, MD, PhD	Foreign Fellow	China, 2018-2020
Ioanna Bolia-Kavouklis, MD, PhD	Research Fellow	USC, 2019-2021
Jacob Bogdanov, MD	Medical Student	USC, 2020-2021
Rae Lan, BS	Graduate Student	USC, 2020-2021
Amir Fathi, BS	Medical Student	USC, 2021-2022
Ryan Haratian, MD	Graduate Student	UC Davis, 2021-2022
Laith Hassan, MD	Graduate Student	Tulane, 2021-2022

MENTORSHIP GROUP:

2019-	Sports Medicine Medical Student Interest Group Mentor	USC
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SERVICE

UNIVERSITY SERVICE:

2014-2019	Resident Education Committee	UCLA Department of Orthopaedic Surgery
2014-2019	Administrative Education Committee	UCLA Department of Orthopaedic Surgery
2013-2017	UC Assembly of the Academic Senate – Los Angeles	UCLA Academic Senate
2010-2019	Sports Medicine Fellowship Selection Committee	UCLA Department of Orthopaedic Surgery
2010-2019	Residency Selection Committee	UCLA Department of Orthopaedic Surgery
2019-	OR Joint Subcommittee	USC Department of Surgery
2019-	Sports Medicine Fellowship Selection Committee	USC Department of Orthopaedic Surgery

PROFESSIONAL SERVICE:

2021-Present	Board Member	Biologics Association
2019-Present	Travelling Fellowship Committee	American Orthopaedic Society for Sports Medicine
2019-Present	Program Committee	American Shoulder and Elbow Surgeons
2019-Present	Research Committee	American Shoulder and Elbow Surgeons
2014-2015	Co-Chair, Biologic Treatments for Sports Injuries Symposium II	American Orthopaedic Society for Sports Medicine
2013-2016	Awards Paper Review Subcommittee	American Orthopaedic Society for Sports Medicine
2013-2016	Research Committee	American Orthopaedic Society for Sports Medicine

CONSULTANTSHIPS AND ADVISORY BOARDS:

2019-Present	Medical Advisory Board	Osso VR
2019-Present	Medical Advisory Board	Carthronix
2019-Present	Consultant	Exactech
2017-Present	Speaker	Stryker Orthopaedics
2015	Clinical Advisor	Coulter Translational Research II Program, University of Pittsburgh
2015	Clinical Advisor	Fidia Pharma Advisory Board, Hymovis
2014	Speaker	Zimmer Biomet Orthopaedics, Inc.

PROFESSIONAL SOCIETY MEMBERSHIPS:

2019	USC Stem Cell Center
2018	American Orthopaedic Association, Member
2016	American Shoulder and Elbow Surgeons, Active Member
2014	Eli and Blythe Broad Center of Regenerative Medicine & Stem Cell Research Group
2014	Magellan Society
2013	Western Orthopaedic Association
2012	Orthopaedic Research Society
2010	International Cartilage Repair Society
2010	American Academy of Orthopaedic Surgery
2010	American Orthopaedic Society for Sports Medicine
2004	American Medical Association
2002	Alpha Omega Alpha, Alpha Chapter

COMMUNITY SERVICE:

2010-Present	Board Member	Drops Fill Buckets - Nonprofit Organization
2005-Present	Alumni Interviewer	Cornell Alumni Admission Ambassadors Network

RESEARCH AND SCHOLARSHIP

MANUSCRIPT REVIEW:

2020	Video Journal of Sports Medicine (Editorial Board)
2020	JSES Reviews, Reports, and Techniques (Editorial Board)
2015	Bone and Joint, Consultant Reviewer
2015	Connective Tissue Research, Consultant Reviewer
2015	Journal of Bone and Joint Surgery, Consultant Reviewer
2015	Stem Cells International, Consultant Reviewer
2014	International Journal of Shoulder Surgery, Consultant Reviewer
2014	The Journal of Shoulder and Elbow Surgery, Consultant Reviewer
2013	The American Journal of Sports Medicine, Principal Reviewer
2012	The Knee, Consultant Reviewer
2012	Journal of Orthopaedic Research, Consultant Reviewer
2011	Clinical Orthopaedics and Related Research, Consultant Reviewer
2011	Knee Surgery, Sports Traumatology, Arthroscopy, Consultant Reviewer
2010	Stem Cells and Development, Consultant Reviewer
2008	Journal of Biomaterial Science: Polymer Edition, Consultant Reviewer
2007	Tissue Engineering, Consultant Reviewer

GRANT REVIEW:

2018-Present	Pac-12 Grant Review Committee, Pacific Athletic Conference
2017-Present	NIH Early Career Reviewer, National Institutes of Health
2015-Present	T32 Training Grant Junior Faculty Counsel
2013-2016	Young Investigator Grant Review Subcommittee, American Orthopaedic Society for Sports Medicine
2011-Present	Extramural Grant Reviewer, Orthopaedic Research and Education Foundation
2011-Present	Extramural Grant Reviewer, Musculoskeletal Transplant Foundation

MAJOR AREAS OF RESEARCH INTEREST

Research Areas

1. Regenerative approaches to treating ligament, tendon and muscle injury
2. Biomechanics and kinematics of the knee and associated injuries
3. Demographic trends and outcomes of knee, shoulder and elbow surgery

GRANT SUPPORT - CURRENT:

Grant No. RO1AR071734 (PI) Evseenko / Lyons
Agency: USC (via NIH / NIAMS sub award)

Dates of Award: 4/1/18-1/31/23
Percent Effort 10%

Title: Gp130/STAT3 Signaling in Articular Cartilage Development and Regeneration

Description: The primary goal of this project is to understand the functions of gp130/STAT3 signaling during development, homeostasis and disease using mouse models.

Role: Co-Investigator

Total Direct Costs: \$2,273,238 (including NIH Diversity Supplement)

CLIN1-12880 (PI) Petrigliano

Dates of Award 12/1/21-10/31/23

Agency California Institute for Regenerative Medicine (CIRM) Percent Effort 15%

Title Plurocart: a novel stem cell-based implant for articular cartilage restoration

Description The major aim is to have successful Plurocart IND submission to the FDA.

Role: Principal Investigator

Total Direct Costs \$5,725,191 (including 3 service contracts)

GRANT SUPPORT - PENDING:

PR212367 Lane (PI), Lieberman (subaward PI)

Dates of Award 7/1/22-6/30/26

UC Davis (via USAMRAA subaward)

Percent Effort 5% (Yrs 2-4)

Title Clinical assessment of CX-011 for pain relief, increased function, and potential disease modifying treatment for knee osteoarthritis

Description: The objective of the project is to test efficacy of a novel therapeutic drug for osteoarthritis.

Role: co-Investigator

Total Direct Costs \$1,598,561

OR210101 Lane (PI), Lieberman (subaward PI)

Dates of Award 7/1/22-6/30/26

UC Davis (via USAMRAA subaward)

Percent Effort 5% (Yrs 2-4)

Title Clinical assessment of CX-011 for pain relief, increased function, and potential disease modifying treatment for knee osteoarthritis

Description: The objective of the project is to test efficacy of a novel therapeutic drug for osteoarthritis.

Role: co-Investigator

Total Direct Costs \$1,093,621

GRANT SUPPORT - PAST:

Grant No. (PI) Evseenko

Dates of Award :3/1/17-8/31/19

Agency: California Institute for Regenerative Medicine

Percent Effort 5%

Title: Pluripotent stem cell-derived chondrocytes for articular cartilage repair

Description: Translational Grant (TRANS)

Role: Co-Investigator

Total Direct Costs: \$2,503,104.00

Grant No. (PI) Petrigliano *Dates of Award: 10/1/16 – 9/3/19*
Agency: Orthopaedic Research & Education Foundation *Percent Effort 20%*
Title: *Combinatorial Regenerative Therapy for Muscle Injury in Rotator Cuff Tears*
Description: *Soft Tissue Repair and Regeneration Sports Medicine Grant*
Role: *Primary Investigator*
Total Direct Costs: *\$250,000*

Grant No. (PI) Petrigliano *Dates of Award: 4/1/16-3/31/17*
Agency: NIH/National Center for Advancing Translational Science *Percent Effort 5%*
Title: *Defining the Myogenic Niche for Rotator Cuff Muscle Regeneration*
Description
Role: *Principal Investigator*
Total Direct Costs: *\$30,000*

Grant No. (PI) Cheung *Dates of Award: 7/1/16-6/30-17*
Agency: Orthopaedic Research & Education Foundation *Percent Effort 5%*
Title: *The Effect of Proximal Tibial Osteotomy on Anterior Cruciate Ligament Force and Knee Kinematics*
Description: *Resident Research Project Grant*
Role: *Co-Investigator/Mentor*
Total Direct Costs: *\$5,000*

Grant No. (PI) Jensen *Dates of Award: 7/1/16-6/30/17*
Agency: Blalock Foundation, H&H Lee Surgical Research Scholars Program *Percent Effort 5%*
Title: *Human Pluripotent Stem Cell-Pericytes as a Therapy for Fatty Infiltration of the Rotator Cuff*
Description
Role: *Co-Investigator/Mentor*
Total Direct Costs: *\$50,000*

Grant No. (PI) Kelley *Dates of Award: 8/1/15-7/31/16*
Agency: David Geffen School of Medicine *Percent Effort 5%*
Title: *The Role of Perivascular Stem Cells in the Pathogenesis of Fatty Infiltration in the Rotator Cuff*
Description: *Dean's Leadership in Health and Science Scholarship*
Role: *Co-Investigator/Mentor*
Total Direct Costs: *\$31,000*

Grant No. (PI) Kelley *Dates of Award: 1/1/16-12/31/16*
Agency: Blalock Foundation *Percent Effort 5%*
Title: *The Role of Diabetes in the Pathological Process of Muscle Atrophy and Fatty Degeneration in a Rodent Model of Massive Rotator Cuff Tear*
Description: *Viola G. Hyde Scholarship Fund Research Award*
Role: *Co-Investigator/Mentor*
Total Direct Costs: *\$3,000*

Grant No. (PI) Jensen Dates of Award: 7/1/15-6/30/16
Agency: Blalock Foundation, H&H Lee Surgical Research Percent Effort 5%
Title: The role of perivascular stem cells in the pathogenesis of fatty infiltration of the rotator cuff
Description
Role: Co-Investigator/Mentor
Total Direct Costs: \$50,000

Grant No. (PI) Eliasberg Dates of Award: 1/1/15-12/31/15
Agency: Blalock Foundation Percent Effort 5%
Title: A small animal model of massive rotator cuff tears
Description: Viola G. Hyde Scholarship Fund Travel Award
Role: Co-Investigator/Mentor
Total Direct Costs: \$1,500

Grant No. (PI) Eliasberg Dates of Award: 1/1/15-12/31/15
Agency: Blalock Foundation Percent Effort 5%
Title: The therapeutic potential of mesenchymal stem cells following massive rotator cuff tears utilizing a small animal model
Description: Viola G. Hyde Scholarship Fund Research Award
Role: Co-Investigator/Mentor
Total Direct Costs: \$3,000

Grant No. (PI) Cheung Dates of Award: 7/1/14-6/30/15
Agency: Blalock Foundation, H&H Lee Surgical Research Percent Effort 5%
Scholars Program
Title: The effect of tibial osteotomy on ACL strain and knee kinematics
Description:
Role: Co-Investigator/Mentor
Total Direct Costs: \$50,000

Grant No. (PI) Evseenko Dates of Award: 6/1/14-5/31/17
Agency: California Institute for Regenerative Medicine Percent Effort 5%
Title: Promoting Survival and Countering Hypertrophy of PSC-derived Chondrocytes
Description: Discovery Grant (DISC)
Role: Co-Investigator
Total Direct Costs: \$1,146,468

Grant No. (PI) Petrigliano Dates of Award: 2/1/14-1/31/17
Agency: Musculoskeletal Transplant Foundation Percent Effort 20%
Title: Evaluation of Structural Fibroblasts and Ligament Stem Cells for Tissue Engineering of the Anterior Cruciate Ligament
Description: Career Development Award
Role: Primary Investigator
Total Direct Costs: \$300,000

Grant No. (PI) Leong Dates of Award: 1/1/14-12/31/14
Agency: J. Robert Gladden Orthopaedic Society Percent Effort 5%
Title: *In Vivo Characterization of Three Unique Cell Populations from the Anterior Cruciate Ligament for Use in Ligament Tissue Engineering*
Description
Role: Co-Investigator
Total Direct Costs: \$10,000

Grant No. (PI) Leong Dates of Award: 7/1/13-6/30/14
Agency: Orthopaedic Research & Education Foundation Percent Effort 5%
Title: *In Vivo Evaluation of Tissue-Engineered Constructs for Anterior Cruciate Ligament Reconstruction*
Description: Resident Clinician Scientist Training Grant
Role: Co-Investigator
Total Direct Costs: \$20,000

Grant No. (PI) Petrigliano Dates of Award: 7/1/13-6/30/14
Agency: Broad Stem Cell Research Center Percent Effort 5%
Title: *Regulation of hESC-derived chondrocyte survival by pericytes*
Description: Research Award
Role: Principal Investigator
Total Direct Costs: \$50,000

Grant No. (PI) Evseenko Dates of Award: 6/1/13-5/31/14
Agency: Arthritis Foundation Percent Effort 5%
Title: *Targeting the lysophosphatidic acid/autotaxin axis to improve cartilage repair*
Description
Role: Co-Investigator
Total Direct Costs: \$74,373

Grant No. (PI) Petrigliano Dates of Award: 7/1/13-6/30/14
Agency: Academic Senate Percent Effort 5%
Title: *Novel highly purified mesenchymal stem cell populations for anterior cruciate ligament (ACL) reconstruction*
Description: Research Grant
Role: Principal Investigator
Total Direct Costs: \$10,000

Grant No. (PI) Evseenko Dates of Award: 7/1/13-6/30/16
Agency: Department of Defense, Peer Reviewed Orthopaedic Research Program (PRORP) Percent Effort 5%
Title: *Identification and manipulation of a novel signaling mechanism to improve articular cartilage restoration after post-traumatic joint injury*
Description: Idea Development Award
Role: Co-Investigator
Total Direct Costs: \$780,000

Grant No. (PI) Petrigliano *Dates of Award: 7/1/13-6/30/14*
Agency: Synthes USA *Percent Effort 5%*
Title: *The effect of tibial slope on ACL strain and knee kinematics*
Description: *Direct Grant Program*
Role: *Co-Investigator*
Total Direct Costs: *\$22,958 (in-kind)*

Grant No. (PI) Petrigliano *Dates of Award: 7/1/12-6/30/14*
Agency: *Blalock Foundation H&H Lee Surgical Research Scholars Program* *Percent Effort 5%*
Title: *Novel therapeutics for atrophy and fatty infiltration of the rotator cuff*
Description
Role: *Primary Investigator*
Total Direct Costs: *\$50,000*

Grant No. (PI) Petrigliano *Dates of Award: 7/1/12-6/30/14*
Agency: *Orthopaedic Research & Education Foundation* *Percent Effort 5%*
Title: *Perivascular stem cells: a potential regenerative therapy for atrophy and fatty infiltration of the rotator cuff*
Description: *Young Investigator Award*
Role: *Primary Investigator*
Total Direct Costs: *\$50,000*

Grant No. (PI) Petrigliano *Dates of Award: 7/1/11-6/30/12*
Agency: *Academic Senate Faculty Research Grant* *Percent Effort 5%*
Title: *A novel non-invasive device for quantification of the pivot shift test*
Description
Role: *Primary Investigator*
Total Direct Costs: *\$5,000*

Grant No. (PI) Petrigliano *Dates of Award: 1/1/11-6/30/12*
Agency: *Musculoskeletal Transplant Foundation* *Percent Effort 5%*
Title: *A Bioengineered Biphasic Scaffold for Ligament Replacement*
Description: *Young Investigator Award*
Role: *Primary Investigator*
Total Direct Costs: *\$100,000*

ISSUED AND PENDING PATENTS:

Petrigliano FA, Borgstrom H, Markolf KM, McAllister DR, Kaiser W. Apparatus and Method for Quantifying Stability of the Knee. PCT/US 2013/026229

Evseenko D, Petrigliano FA. Compositions and Methods for Treating Joint Fibrosis. US Provisional Application Serial No. 61/856,821

PRESENTATIONS:

International:

1. Hyman J, Williams RJ 3rd, **Petrigliano FA**, Rosental T, Wickiewicz TJ. A prospective analysis of ACL reconstruction using a four-stranded tendon construct. Podium presentation – Anterior Cruciate Ligament Study Group; Rhodes, Greece; May 2000.

2. **Petrigliano FA**, Potter HG, Hatch J, Williams RJ. Functional outcomes and MRI evaluation of arthroscopic partial meniscectomy at a minimum five-year follow-up. Podium presentation - International Cartilage Repair Society; Toronto, Canada; June 2002.
3. Williams RJ, Potter HG, Urquhart E, Walsh C, **Petrigliano FA**, Warren RF, Marx R. Clinical outcomes and imaging of fresh osteochondral allografts in the treatment of cartilage defects of the knee. Podium presentation - Anterior Cruciate Ligament Study Group; Sardinia, Italy; May 2004.
4. Fu E, Refela J, Magyar, C, Miki R, Tchieu J, **Petrigliano, FA**, Chao L, Cho P, Cacalano N, Lieberman J, Jasuja R, Tetradis S, and Jamieson CAM. Prostate cancer cells promote osteoblast differentiation in vitro which is modulated by androgen. Podium presentation – Keystone Symposium: Nuclear Receptors: Steroid Sisters; Banff, Alberta; March 2006.
5. Suero EM, **Petrigliano FA**, Citak M, Delos D, Bosscher MRF, Pearle AD Lateral compartment translation in posterolateral corner injuries of the knee: a cadaveric study with navigated measurements. Scientific exhibit - 10th Annual Meeting Computer Assisted Orthopaedic Surgery International; Paris, France; June 2010.
6. **Petrigliano FA**, Su H, Foo LF, Solsky I, Suero E, Wickiewicz TW, Rodeo SA, Warren RF, Potter HG, Williams RJ 3rd. Use of a biphasic copolymer scaffold for the treatment of isolated osteochondral defects of the femoral condyle. Podium presentation - 9th World Congress of the International Cartilage Repair Society, Sitges, Spain; September 2010.
7. **Petrigliano FA**, Suero EM, Voos JE, Wickiewicz TJ, Pearle AP, Allen AA. Effect of tibial slope on dynamic stability of the posterior cruciate ligament and posterolateral corner deficient knee. Podium Presentation - 11th Annual Meeting of the International Society for Computer Assisted Orthopaedic Surgery, London, UK; June 2011.
8. **Petrigliano FA**, Borgstrom H, Foster B*P, Markolf KL, Kaiser W, McAllister DR. A novel device for non-invasive quantification of the pivot shift. Podium Presentation – ACL Study Group, Jackson Hole, Wyoming; February 2012.
9. **Petrigliano FA**, McAllister DR, Adams JS, Evseenko DA. Lysophosphatidic acid inhibits chondrogenic differentiation of human mesenchymal cells. Podium Presentation – International Cartilage Repair Society, Montreal, Canada; May 2012
10. Wu L, **Petrigliano FA**, McAllister DR, Adams JS, Evseenko D. Extracellular matrix domain formation as an indicator of chondrocyte dedifferentiation and hypertrophy. International Cartilage Repair Society Izmir, Turkey, September 2013.
11. Wu L, **Petrigliano FA**, McAllister DR, Adams JS, Lyons KM, Evseenko D. Human developmental chondrogenesis as a basis for the engineering of chondrocytes from pluripotent stem cells. 11th World Congress of the International Cartilage Repair Society, Izmir, Turkey, September 2013.
12. **Petrigliano, FA**. Tissue engineering strategies for the ACL. Global Orthopaedic Alliance for Learning (GOAL) 1st International Forum on Sports Medicine. Los Angeles, CA, February 2014.
13. Zhang JY*, Cohen JR, Wang JC, **Petrigliano FA**, McAllister DR, Jones KJ. The costs associated with the perioperative management of articular cartilage lesions in the United States. Podium Presentation - 12th World Congress of the International Cartilage Repair Society, Chicago, Illinois, May 2015. *ICRS Research Award Winner*
14. Patel AS, **Petrigliano FA**, Vigil DV, Stocklin CV. Atypical Right Shoulder Pain in a Baseball Player. Podium Presentation – World Congress on Exercise is Medicine and World Congress on the Basic Science of Exercise Fatigue of the American College of Sports Medicine – 2015 Annual Meeting, San Diego, California, May 2015.

15. Leong NL*, Cohen J, Lord E, Wang JC, McAllister DM, and **Petrigliano FA**. “Demographic Trends and Complication Rates in Arthroscopic Elbow Surgery” Poster Presentation- International Society of Arthroscopy, Knee Surgery, and Orthopaedic Sports Medicine (ISAKOS) Congress, Lyon, France 2015.

16. Leong NL*, Kabir N, Arshi A*, Nazemi A*, Wu B, **Petrigliano FA**, and McAllister DR. “In Vivo Evaluation of Tissue-Engineered Constructs for Anterior Cruciate Ligament Reconstruction” Poster Presentation - International Society of Arthroscopy, Knee Surgery, and Orthopaedic Sports Medicine (ISAKOS) Congress, Lyon, France 2015.

17. Dar A, **Petrigliano FA**. Distinct Subsets Of PDGFR-B Stromal Precursors Promote Sequential Myogenic and Degenerative Remodeling of Skeletal Muscle in A Mouse Model of Irreversible Rotator Cuff Injury - Poster Presentation – International Society for Stem Cell, San Francisco, California, May 2016.

18. **Petrigliano FA**, Evseenko D. Mitigating Inflammation and Fibrosis in Cartilage Repair. Invited Lecture – 92nd Meeting of the Japanese Orthopaedic Association. Yokohama, Japan. May 2019.

National:

1. **Petrigliano FA**, Potter HG, Hatch J, Williams RJ. Functional outcomes and MRI evaluation of arthroscopic partial meniscectomy at a minimum five-year follow-up. Scientific exhibit - 27th Annual Meeting of the American Orthopaedic Society for Sports Medicine; Keystone, Colorado; July 2001.

2. Williams RJ 3rd, Dreese J, McCarthy D, Chen C, **Petrigliano FA**. Chondrocyte survival and biomechanical properties of fresh cold-stored whole femoral condyles: an evaluation of tissue used in osteochondral allograft transplantation. Podium presentation - American Orthopaedic Society for Sports Medicine Specialty Day Program; Dallas, Texas; February 2002.

3. **Petrigliano FA**, Potter HG, Hatch J, Williams RJ. Functional outcomes and MRI evaluation of arthroscopic partial meniscectomy at a minimum five-year follow-up. Scientific exhibit - 69th Annual Meeting of the American Academy of Orthopaedic Surgeons; Dallas, Texas; February 2002.

4. Toth AP, **Petrigliano FA**, Doward D, Cordasco FA, Altchek DW, O’Brien SJ, Warren RF. Radiofrequency thermal-assisted capsular shrinkage for shoulder instability: minimum two-year follow-up. Podium presentation - 28th Annual Meeting of the American Orthopaedic Society for Sports Medicine; Orlando, Florida; July 2002.

5. Williams RJ, Warner K, Potter HG, **Petrigliano FA**, Hatch J, Cordasco FA. Cartilage sensitive MRI evaluation of functionally asymptomatic isolated arthroscopic partial meniscectomy patients at a minimum five-year follow-up. Scientific exhibit - 72nd Annual Meeting of the American Academy of Orthopaedic Surgeons; Washington, District of Columbia; February 2005.

6. Virk MS, **Petrigliano FA**, Liu NQ, Lieberman JR. The use of micro PET-CT to assess tumor progression and bone turnover following treatment in an osteolytic prostate cancer metastases model. Scientific exhibit - 28th Annual Meeting of the American Society for Bone and Mineral Research, Philadelphia, Pennsylvania; September 2006.

7. Cuomo AV, Virk MS, **Petrigliano FA**, Morgan E, Lieberman JR. Mesenchymal stem cell concentration and bone repair: Potential pitfalls from bench to bedside. Scientific exhibit - 53rd Annual Meeting of the Orthopaedic Research Society; San Diego, California; March 2007.

8. Virk MS, **Petrigliano FA**, Liu NQ, Lieberman JR. The use of micro PET-CT to assess tumor progression and bone turnover following treatment in an osteolytic prostate cancer metastases model. Scientific exhibit - 53rd Annual Meeting of the Orthopaedic Research Society; San Diego, California; March 2007.

9. **Petrigliano FA**, English CS, Wu BM, McAllister DM. The influence of mechanical strain and local growth factor release on bone marrow stromal cell differentiation in a 3-D environment. Scientific exhibit - 53rd Annual Meeting of the Orthopaedic Research Society; San Diego, California; March 2007.

10. Virk MS, **Petrigliano FA**, Li NQ, Chatzioanno A, Dougall W, Lieberman, JR. The influence of simultaneous targeting of BMP pathway and RANK-RANKL axis in an osteolytic prostate cancer metastasis. Scientific exhibit - 54th Annual Meeting of the Orthopaedic Research Society; San Francisco, California; March 2008.
11. Suero E, **Petrigliano FA**, Citak M, Lane C, Pearle A. The Effect of Posterior Cruciate and Posterolateral Corner Injuries of the Knee on Tibiofemoral Translation During the Reverse Pivot Shift Test: A Cadaveric Study. Scientific exhibit - 36th Annual Meeting of the American Orthopaedic Society for Sports Medicine; Providence, Rhode Island; July 2010.
12. **Petrigliano FA**, Mushal V, Citak M, Suero E, Pearle A. The Effect of Meniscal Loss on Knee Stability After Single-Bundle ACL Reconstructions: A Cadaveric Experiment. Podium presentation - 36th Annual Meeting of the American Orthopaedic Society for Sports Medicine; Providence, Rhode Island; July 2010.
13. Weber A, Fox A, **Petrigliano FA**, Voight C, Imhauser C, Ji A, Stasiak M, Rodeo SA. A novel in-vivo model to study tendon-bone healing using fluoroscopic-assisted displacement tracking. Poster Presentation – Annual Meeting of the Orthopaedic Research Society; Long Beach, CA February, 2011.
14. **Petrigliano FA**, Su H, Foo LF, Solsky I, Wickiewicz TJ, Rodeo SA, Warren RF, Potter HG, Williams RJ 3rd. Use of a biphasic copolymer scaffold for the treatment of isolated osteochondral defects of the femoral condyle. Podium presentation - American Orthopaedic Society for Sports Medicine Specialty Day Program; San Diego, California; February 2011.
15. **Petrigliano FA**, Suero EM, Voos JE, Wickiewicz TJ, Pearle AP, Allen AA. The effect of proximal tibial slope on dynamic stability testing of the posterior cruciate ligament- and posterolateral corner-deficient knee. Podium presentation - 78nd Annual Meeting of the American Academy of Orthopaedic Surgeons; San Diego, California; February 2011.
16. Weber A, **Petrigliano FA**, Imhauser C, Fox A, Voight C, Ji A, Stasiak M, Rodeo SA. A novel in-vivo model to study healing of a tendon graft in a bone tunnel. Poster presentation - 78nd Annual Meeting of the American Academy of Orthopaedic Surgeons; San Diego, California; February 2011.
17. Jamieson CAM, **Petrigliano FA**, Belanto JJ, Virk, M, Coppola G, Tchieu J, Fu, E, Magyar, C, Raheem O, Smith, KM, Kazarian M, Wu CC, Leu H, Yamaguchi T, Morris S, Cacalano NA, Geschwind DH, Jamieson CHM, Masuda K, Kulidjian, AA, Carson DA, Kane CJ, and Lieberman JR. Genome-wide expression profiling of castration-resistant prostate cancer xenografts in the bone-niche revealed up-regulation of the anti-apoptosis gene, YWHAZ, a network hub gene. Annual Meeting of the American Urologic Association, Washington, District of Columbia; May 2011.
18. Voos JE, Suero EM, **Petrigliano FA**, Wickiewicz TJ, Pearle AD. Effect of tibial slope on the stability of the anterior cruciate ligament deficient knee. Poster presentation – 79th Annual Meeting of the American Academy of Orthopaedic Surgeons; San Diego, California; February 2012.
19. Montgomery SR*, Foster B*D, Ngo SS, Wang JC, **Petrigliano FA**, McAllister, DR. Practice Patterns in the Surgical Treatment of Articular Cartilage Defects of the Knee. Scientific exhibit - 38th Annual Meeting of the American Orthopaedic Society for Sports Medicine; Baltimore, MD; July 2012.
20. Montgomery SR*, Foster B*D, Ngo SS, Wang JC, **Petrigliano FA**, McAllister DR: Demographics and current trends in the surgical treatment of articular cartilage defects of the knee. Podium Presentation - Herodicus Society Annual Meeting, White Sulfer Springs, West Virginia, July, 2012.
21. Wu L, **Petrigliano FA**, Montgomery SA, McAllister DR, Adams JS, Evseenko DA. Inhibition of the lysophosphatidic acid signaling as a novel strategy for restoration of posttraumatic cartilage defects. Scientific exhibit - Tri-institutional Stem Cell Conference, Asilomar Conference Grounds, Monterey, CA, USA 2012.
22. **Petrigliano FA**, Bezrukov N, Gamradt SC, Zingmond, DS, SooHoo, NF. Long-Term Complications and Reoperations Following Operative Management of Proximal Humerus Fractures Poster presentation – 80th Annual Meeting of the American Academy of Orthopaedic Surgeons; Chicago, Illinois; March 2013.

23. **Petrigliano FA**, Bezrukov N, Gamradt SC, Zingmond, DS, SooHoo, NF Short-Term Reoperations and Complications Following Operative Management of Proximal Humerus Fractures. Poster presentation – 80th Annual Meeting of the American Academy of Orthopaedic Surgeons; Chicago, Illinois; March 2013.
24. Yeranorian M*, **Petrigliano FA**, and McAllister DR: Incidence of Post-Operative Infections Following Arthroscopic Knee Surgery. Podium Presentation - Herodicus Society Annual Meeting, Kohler, Wisconsin, July, 2013.
25. Wu L, Latour B, Gonzalez S, Shah S, Kyupelyan L, Ge S, **Petrigliano FA**, McAllister DR, Xinmin Li X, Adams JS, Crooks GM, Evseenko D. Human chondrogenesis as a basis for the cartilage tissue engineering. Podium Presentation - ISSCR 11 Annual Meeting, Boston, Massachusetts, 2013.
26. Jie J, Ituarte F*, Shim D, Gupta V, Tran D, **Petrigliano FA**, Bengs B, Ting K, Soo C. NELL-1 Protects Articular Cartilage from the Effects of IL-1beta Induced Arthritis. Poster Presentation - American Society for Bone and Mineral Research; Baltimore, Maryland; 2013.
27. Kabir N, Leong, NL, Arshi A*, **Petrigliano FA**, Wu BM, McAllister DR. In Vitro Characterization of Sustained Drug Release from Tissue-Engineered ACL Scaffolds. Poster Presentation - Annual Meeting of the Cellular and Molecular Bioengineering Special Interest Group of the Biomedical Engineering Society, La Jolla, California, January 2014.
28. Kabir N, Leong, NL, Arshi A*, **Petrigliano FA**, Wu BM, McAllister DR. In Vitro Characterization of Cell Proliferation on Tissue-Engineered ACL Scaffolds. Poster Presentation- Annual Meeting of the Cellular and Molecular Bioengineering Special Interest Group of the Biomedical Engineering Society, La Jolla, California, January 2014.
29. Arom GA**, Arshi A*, Nazemi A*N, Yeranorian MG**, Wu BM, McAllister DR, **Petrigliano FA**. Reconstruction of the Anterior Cruciate Ligament Using Electrospun Polycaprolactone in an In Vivo Rodent Model. Poster Presentation - Annual Meeting of the Cellular and Molecular Bioengineering Special Interest Group of the Biomedical Engineering Society, La Jolla, California, January 2014.
30. Yeranorian, MG, Terrell, RD, Wang, JC, McAllister, DR, **Petrigliano, FA**. The Costs Associated with the Evaluation of Rotator Cuff Tears Prior to Surgical Repair. Podium Presentation – 81st Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, Louisiana, March 2014.
31. Boguszeski D, Yang P*, Markolf KL, **Petrigliano FA**, McAllister DR. Where Is the Natural Flexion-Extension Axis of The Knee? Poster Presentation – 60th Annual Meeting of the Orthopaedic Research Society, New Orleans, Louisiana, March 2014.
32. Boguszeski D, Yang P*, Markolf KL, **Petrigliano FA**, McAllister DR. Where Is the Natural Internal-External Rotation Axis of the Tibia? Poster Presentation - 60th Annual Meeting of the Orthopaedic Research Society, New Orleans, Louisiana, March 2014.
33. Leong, NL, Yeranorian MG**, McAllister DR, Evseenko D, **Petrigliano FA**. Isolation and Characterization of Unique Cell Populations from Human Anterior Cruciate Ligament for Use in Tissue Engineering. Poster Presentation - 60th Annual Meeting of the Orthopaedic Research Society, New Orleans, Louisiana, March 2014.
34. Leong, NL, Kabir N, Arshi A*, **Petrigliano FA**, Wu BM, McAllister DR. In Vitro Characterization of Sustained Drug Release from Tissue-Engineered ACL Scaffolds. Poster Presentation - 60th Annual Meeting of the Orthopaedic Research Society, New Orleans, Louisiana, March 2014.
35. Arom GA**, Arshi A*, Nazemi A*N, Yeranorian MG**, Wu BM, McAllister DR, **Petrigliano FA**. Reconstruction of the Anterior Cruciate Ligament Using Electrospun Polycaprolactone in an In Vivo Rodent Model. Poster Presentation - 60th Annual Meeting of the Orthopaedic Research Society, New Orleans, Louisiana, March 2014.
36. Khan AZ*, Kowalski TJ*, Garagozlo CA*, Natsuhara K*, Sukhija K, **Petrigliano FA**. Establishing a Mouse Model to Evaluate Mesenchymal Stem Cells as A Potential Preoperative Adjuvant in the Management of

Massive Rotator Cuff Tears. Podium Presentation - Annual Open Meeting of the American Shoulder and Elbow Surgeons, Las Vegas, Nevada, March 2015.

37. Leong NL*, Kabir N, Arshi A*, Nazemi A*, **Petrigliano FA**, Wu BM, McAllister DR. In Vivo Evaluation of Tissue Engineered Constructs for Anterior Cruciate Ligament Reconstruction. Poster Presentation - 61st Annual Meeting of the Orthopaedic Research Society, Las Vegas, Nevada, March 2015.

38. Leong NL*, Kabir N, Arshi A*, Nazemi A*, **Petrigliano FA**, Wu BM, McAllister DR. In Vivo Evaluation of Heparin Mediated Growth Factor Release from Tissue-Engineered Constructs for Anterior Cruciate Ligament Reconstruction. Poster – Presentation 61st Annual Meeting of the Orthopaedic Research Society, Las Vegas, Nevada, March 2015.

39. Boguszewski DV, Joshi NB*, Wang D*, Markolf KL, **Petrigliano FA**, McAllister DR. Does Preconditioning an ACL Graft Prior to Fixation Reduce Anterior Laxity During Cyclic Anteroposterior Testing? Podium Presentation – 82nd Annual Meeting of the American Academy of Orthopaedic Surgeons, Las Vegas, Nevada, March 2015.

40. Boguszewski DV, Joshi NB*, Wang D*, Markolf KL, **Petrigliano FA**, McAllister DR. The Effect of Different Preconditioning Protocols on Anterior Knee Laxity After ACL Reconstruction with Four Commonly Used Grafts. Poster Presentation - 61st Annual Meeting of the Orthopaedic Research Society, Las Vegas, Nevada, March 2015.

41. Wang D*, Boguszewski DV, Joshi NB*, Markolf KL, **Petrigliano FA**, McAllister DR. Biomechanical Comparison of Screw and Spiked Washer versus Suture-Post for Tibial Sided Fixation in ACL Reconstruction. Poster Presentation - 61st Annual Meeting of the Orthopaedic Research Society, Las Vegas, Nevada, March 2015.

42. Kowalski TJ*, Leong NL*, Wu L, Kabir N, Khan AZ*, Pedron A, Karayan A, Lee S, Wu BM, Evseenko D, McAllister DR, **Petrigliano FA**. Hypoxic Culture Conditions Induce Increased Metabolic Rate and Collagen Gene Expression in ACL-derived Cells. Poster Presentation - 61st Annual Meeting of the Orthopaedic Research Society, Las Vegas, Nevada, March 2015.

43. Wu L, **Petrigliano FA**, Ba K, Lee S, Bogdanov J**, McAllister DR, Adams JS, Rosenthal AK, Crooks GM, Lin Y, Evseenko DE. Acute Injury Induced Fibrosis is Mediated by Lysophosphatic Acid. Poster Presentation - 61st Annual Meeting of the Orthopaedic Research Society, Las Vegas, Nevada, March 2015.

44. Zhang JY*, Cohen JR, Wang JC, **Petrigliano FA**, McAllister DR Jones KJ. The costs associated with the perioperative management of articular cartilage lesions in the United States. Poster Presentation – 82nd Annual Meeting of the American Academy of Orthopaedic Surgeons, Las Vegas, Nevada, March 2015. ***Winner 2015 AAOS Best Poster Award**

45. Joshi NB*, Wang D*, **Petrigliano FA**, Jones KJ. Surgical treatment of distal biceps tendon rupture: A database analysis of 1,443 patients. Podium Presentation – 82nd Annual Meeting of the American Academy of Orthopaedic Surgeons, Las Vegas, Nevada, March 2015.

46. Zhang JY*, Cohen JR, Wang JC, **Petrigliano FA**, McAllister DR Jones KJ. The costs associated with the perioperative management of articular cartilage lesions in the United States. Poster Presentation – Arthroscopy Association of North America, Los Angeles, California, April 2015.

47. Ishmael C*, Cohen JR, Wang JC, **Petrigliano FA**, Vezeridis PS. Operative Versus Non-Operative Treatment of Proximal Humerus Fractures: Demographics and Trends in a Large National Healthcare Database. Podium Presentation – American Orthopaedic Association Annual Meeting, Providence, RI, June, 2015.

48. Nassiri N*, Eliasberg C*, Jones KJ, McAllister DR, **Petrigliano FA**. Shoulder Instability in the Overhead Athlete: A Systematic Review Comparing Arthroscopic and Open Stabilization Procedures. Poster Presentation – 41st Annual Meeting of the American Orthopaedic Society for Sports Medicine; Orlando, Florida, July 2015.

49. Zhang JY*, Cohen JR, Wang JC, **Petrigliano FA**, McAllister DR Jones KJ. The costs associated with the perioperative management of articular cartilage lesions in the United States. Poster Presentation – 41st Annual Meeting of the American Orthopaedic Society for Sports Medicine; Orlando, Florida, July 2015.
50. Cheung EC*, Markolf KL, Joshi NB*, Boguszewski DV, **Petrigliano FA**, McAllister DR. Anterior Tibial Stress Fractures- A Biomechanical Study of Tension Band Plating Versus Intramedullary Nailing. Poster Presentation - 62nd Annual Meeting of the Orthopaedic Research Society, Orlando, Florida, March 2016.
51. Devana S, McBride O*, Eliasberg C*, Kowalski T, Park S, MD, **Petrigliano FA**, Soohoo NF. Adipose Derived Human Mesenchymal Stem Cell Injections Improve Achilles Tendon Healing in a Rat Model. Poster Presentation - 62nd Annual Meeting of the Orthopaedic Research Society, Orlando, Florida, March 2016.
52. Leong NL*, Kabir N, Arshi A*, Nazemi A*, Wu BM, **Petrigliano FA**, McAllister DR. Use of Ultra-High Molecular Weight Polycaprolactone Scaffolds for ACL Reconstruction. Poster Presentation - 62nd Annual Meeting of the Orthopaedic Research Society, Orlando, Florida, March 2016. **Board of Specialty Society Best Poster*
53. Eliasberg CD*, Kowalski TF, Garagozlo CA*, Natsuhara K*, Murray IR, Khan AZ*, McBride OJ*, Cha pi*, McAllister DR, Feeley BT, **Petrigliano FA**. Perivascular Stem Cells Diminish Muscle Atrophy Following Massive Rotator Cuff Tears in a Small Animal Model. **Spotlight Session Podium Presentation* - 62nd Annual Meeting of the Orthopaedic Research Society, Orlando, Florida, March 2016.
54. Yamaguchi KT*, Boguszewski DV, Cheung CE, Mathew J, Markolf KL, McAllister DR, **Petrigliano FA**. Effects of Proximal Tibia Anterior Closing Wedge Osteotomy on ACL Force and Knee Kinematics. Poster Presentation - 62nd Annual Meeting of the Orthopaedic Research Society, Orlando, Florida, March 2016.
55. Jensen AR*, Dar A, Eliasberg C*, Kelley B, Devana S, McAllister DR, **Petrigliano FA**. PDGFR α + PDGFR β + Progenitor Cells Contribute to Muscle Fibroadipogenesis Following Massive Rotator Cuff Tears in a Murine Model. Poster Presentation - 62nd Annual Meeting of the Orthopaedic Research Society, Orlando, Florida, March 2016.
56. Jensen AR*, Dar A, Eliasberg C*, Kelley B, Devana S, McAllister DR, **Petrigliano FA**. PDGFR α + PDGFR β + Progenitor Cells Contribute to Muscle Fibroadipogenesis Following Massive Rotator Cuff Tears in a Mouse Model. Poster Presentation - 42nd Annual Meeting of the American Orthopaedic Society of Sports Medicine; Colorado Springs, Colorado, July 2016. **Winner Best Poster Award*
57. Eliasberg C*, Jensen A*, Dar A, Kowalski TJ*, Murray I, Khan AZ*, Natsuhara K*, Garagozlo C*, McAllister DR, **Petrigliano FA**. Perivascular Stem Cells Diminish Muscle Atrophy and Retain Viability in a Rotator Cuff Tear Model. Poster Presentation - 42nd Annual Meeting of the American Orthopaedic Society of Sports Medicine; Colorado Springs, Colorado, July 2016.
58. Maciel RC*, Yamaguchi K*, Jensen A*, D'oro A, Wang JC, **Petrigliano FA**. Midshaft Forearm Fractures: Demographics and Complication Rates in Medicare Population. E-poster - 71st Annual Meeting of the American Society for Surgery of the Hand: September 29 - October 1, 2016; Austin, Texas.
59. Yamaguchi KT*, Maciel RC*, Jensen AR*, Busey Z., Wang J, **Petrigliano FA**, Dowd C. Patient Demographics and Complications Following Operative Treatment of Distal Radius Fractures. Eposter; September 2016.
60. Yamaguchi K*, Boguszewski D, Cheung E*, Mathew J, Lama C, Markolf K, McAllister D, **Petrigliano FA**. Effects of Proximal Tibia Anterior Closing Wedge Osteotomy on ACL Force and Knee Kinematics. 2016. Orthopaedic Summit Evolving Techniques Annual Meeting. 2016 Dec 7-10; Las Vegas Nevada. **Best Basic Science Paper Award*
61. Buser Z, Dowd C, Maciel R, **Petrigliano FA**, Yamaguchi K*. Demographics, Trends, and Complication Rates Following Open Treatment of Fractures of the Distal Radius. Podium Presentation – 84th Annual Meeting of the American Academy of Orthopaedic Surgeons, San Diego, California; March 2017.

62. Geeslin AG, Goudie EB, LaPrade RF, Murray I, **Petrigliano FA**. Minimum Reporting Requirements for Clinical Studies Evaluating Mesenchymal Stem Cells in Orthopaedics: A Modified Delphi Consensus Study. Podium Presentation – 84th Annual Meeting of the American Academy of Orthopaedic Surgeons, San Diego, California; March 2017.
63. Geeslin AG, Goudie EB, LaPrade RF, Murray I, **Petrigliano FA**. Minimum Reporting Requirements for Clinical Studies Evaluating Mesenchymal Stem Cells in Orthopaedics: A Modified Delphi Consensus Study. Podium Presentation – 84th Annual Meeting of the American Academy of Orthopaedic Surgeons, San Diego, California; March 2017.
64. Yamaguchi KT*, Boguszewski DV, Cheung CE, Mathew J, Markolf KL, McAllister DR, **Petrigliano FA**. Effects of Proximal Tibia Anterior Closing Wedge Osteotomy on ACL Force and Knee Kinematics. Poster Presentation – 84th Annual Meeting of the American Academy of Orthopaedic Surgeons, San Diego, California; March 2017.
65. Geeslin AG, Goudie EB, LaPrade RF, Murray I, **Petrigliano FA**. Consensus on Minimum Reporting Requirements for Clinical Studies Evaluating Platelet Rich Plasma in Orthopaedics: A Modified Delphi Study. Poster Presentation – 84th Annual Meeting of the American Academy of Orthopaedic Surgeons, San Diego, California; March 2017.
66. Eliasberg C*, Jensen A*, Dar A, Kowalski TJ*, Murray I, Khan AZ*, Natsuhara K*, Garagozlo C*, McAllister DR, **Petrigliano FA**. Perivascular Stem Cells Diminish Muscle Atrophy and Retain Viability in a Rotator Cuff Tear Model. Poster Presentation (Board of Specialty Society Best Poster) – 63rd Annual Meeting of the Orthopaedic Research Society, San Diego, California, March 2017.
67. Maciel RC*, Jiang J, Leong NL*, Yamaguchi KT*, Kabir N, **Petrigliano FA**, McAllister DR. Adipose Derived Perivascular Stem Cells Are a Superior Cell Source for Ligament Tissue Engineering. Poster Presentation – 63rd Annual Meeting of the Orthopaedic Research Society, San Diego, California, March 2017
68. Mosich GM*, Shah P*, Eliasberg CD*, Jensen AR*, Kelley BV Ariniello A*, Vu B*, Peault B, Pyle A McAllister DR, Dar A, **Petrigliano FA**. In Vitro and In Vivo Characterization of Human Pluripotent Stem Cell Pericytes in a Murine Model of Massive Rotator Cuff Tear. Poster Presentation – 63rd Annual Meeting of the Orthopaedic Research Society, San Diego, California, March 2017
69. Dar A, Jensen AR*, Ariniello A*, Kelley BV, Hicks MR, Jan M, Shah P*, Mosich GM*, Vu B*, Murray IR, Pyle A, McAllister DR, Peault B, **Petrigliano FA**. Identification of Novel Interstitial Progenitor Cells that Efficiently Contribute to Muscle Regeneration After Rotator Cuff Tears. Poster Presentation – 63rd Annual Meeting of the Orthopaedic Research Society, San Diego, California, March 2017.
70. Dar A, Jensen AR*, Ariniello A*, Kelley BV, Hicks MR, Jan M, Shah P*, Mosich GM*, Vu B*, Murray IR, Pyle A, McAllister DR, Peault B, **Petrigliano FA**. The Role of PDGFR α And PDGFR β Cells in Remodeling/Regeneration of The Mouse Injured Rotator Cuff. Poster Presentation – International Society for Stem Cell, Boston, Massachusetts, June 2017.
71. Yamaguchi KT*, Boguszewski DV, Cheung CE, Mathew J, Markolf KL, McAllister DR, **Petrigliano FA**. Effects of Proximal Tibia Anterior Closing Wedge Osteotomy on ACL Force and Knee Kinematics. Poster Presentation – 43rd Annual Meeting of the American Orthopaedic Society of Sports Medicine; Toronto, Ontario, Canada July 2017. ***Winner – Best Poster Award**
72. Dar A, Jensen AR*, Ariniello A*, Kelley BV, Hicks MR, Jan M, Vu B*, Murray IR, Pyle A, Péault B, **Petrigliano FA**. Distinct Subsets of PDGFR β Progenitor Cells Promote Sequential Myogenic and Degenerative Remodeling After Chronic Muscle Injury. Podium Presentation - Adult Stem Cell Therapy and Regenerative Medicine Conference. Cleveland, Ohio, August 2017.
73. Jensen AR*, Kelley BV, Mosich G*, Ariniello A*, Eliasberg CD*, Vu B*, Shah P*, Devana SK, Murray IR, Peault B, Dar A, **Petrigliano FA**. PDGFR α Co-expression Typifies a Subset of PDGFR β Progenitor Cells that Contribute to Fatty Degeneration and Fibrosis of the Murine Rotator Cuff. Podium Presentation - American

Shoulder and Elbow Surgeons Annual Closed Meeting. New Orleans, Louisiana. October 2017. ***Charles S. Neer Award Recipient.**

74. Arshi A*, Leong L, Wang C, Buser Z, Wang JC, Vezeridis PS, McAllister DR, **Petrigliano FA.** Total Shoulder Arthroplasty: What are the Trends and Complication Rates Relative to the Inpatient Standard? Podium Presentation - 85th Annual Meeting of the American Academy of Orthopaedic Surgeons. New Orleans, Louisiana. March 2018.

75. Arshi A*, Leong L, D'Oro A, Wang C, BS, Buser Z, PhD, Wang JC, Jones KJ, **Petrigliano FA,** SooHoo NF. Outpatient Total Knee Arthroplasty is Associated with Higher Risk of Perioperative Complications. Podium Presentation - 85th Annual Meeting of the American Academy of Orthopaedic Surgeons. New Orleans, Louisiana. March 2018.

76. Yamaguchi KT*, Boguszewski DV, Cheung CE, Mathew J, Markolf KL, McAllister DR, **Petrigliano FA.** Effects of Proximal Tibia Anterior Closing Wedge Osteotomy on ACL Force and Knee Kinematics. Poster Presentation - 64th Annual Meeting of Orthopaedic Research Society, New Orleans, Louisiana. March 2018. **Board of Specialty Society Best Poster*

77. Sharma A*, Shah P*, Mosich G*, Husman R*, Ariniello A*, Peault B, Dar A, **Petrigliano FA.** A Comparison of Cellular Populations and Fibroadipogenic Gene Expression Profiles in Older and Younger-Aged Murine Models After Induction of Rotator Cuff Injury: Is There a Difference Observed with Age? Poster Presentation - 64th Annual Meeting of Orthopaedic Research Society, New Orleans, Louisiana. March 2018.

78. Ariniello A*, Shah P*, Dar A, **Petrigliano F,** Peault B, Mosich G*, Kelley B, Jensen A*. Fibroadipogene mRNA Expression Following Rotator Cuff Injury Poster Presentation - 64th Annual Meeting of Orthopaedic Research Society, New Orleans, Louisiana. March 2018.

79. Sharma AK*, Shah P*, Mosich GM*, Husman R*, Ariniello A*, Peault B, Dar A, **Petrigliano FA.** A comparison of cellular populations and fibroadipogenic gene expression profiles in older and younger-aged murine models after induction of rotator cuff injury: Is there a difference observed with age? Poster Presentation - 64th Annual Meeting of the Orthopaedic Research Society, New Orleans, Louisiana. March 11th, 2017.

80. Sharma AK*, Shah P*, Mosich GM*, Husman R*, Ariniello A*, Peault B, Dar A, **Petrigliano FA.** Aged Mice Demonstrate Greater Muscle Degeneration After Rotator Cuff Injury. Podium Presentation - 65th Annual Meeting of Orthopaedic Research Society, Austin, Texas. February 2019.

81. Mosich GM*, Husman R*, Shah P*, Sharma AK*, Rezzadeh K*, Xi H, Pyle A, Peault B. **Petrigliano FA,** Dar, A. Pericytes from Human Embryonic Stem Cells Attenuate Degeneration of the Chronically Injured Mouse Muscle. Podium Presentation - 65th Annual Meeting of Orthopaedic Research Society, Austin, Texas. February 2019.

82. **Petrigliano FA,** Yu U, Liu N, Hurtig M, Evseenko D. Assessing Therapeutic Potential of Pluripotent Stem Cell-Derived Chondroprogenitors in Preclinical Pig Model of Joint Surface Injury. Poster Presentation - 65th Annual Meeting of Orthopaedic Research Society, Austin, Texas. February 2019.

83. Subhash AK*, Handel BV, Eskin A, Ariniello A*, Devana S, Sharma AK*, Mosich G*, Husman R*, Karlin E*, Gatto JD*, Chappidi M, Aderibigbe T*, Evseenko D, Peault B, Dar A, **Petrigliano FA.** RNA-Sequencing Analysis of Fibroadipogenesis and Transient Myogenesis in a Murine Model of Massive Rotator Cuff Tear. Poster Presentation - 65th Annual Meeting of Orthopaedic Research Society, Austin, Texas. February 2019.

84. Sharma AK*, Jensen A*, Wang C, Formanek B, Buser Z, Wang J, **Petrigliano FA.** Trends in Peripheral Nerve Blocks in Arthroscopic Rotator Cuff Repair. iPoster Presentation - Annual Meeting of American Orthopaedic Association, San Diego, CA. February 2019.

85. Sharma AK*, Shah P*, Mosich GM*, Husman R*, Ariniello A*, Peault B, Dar A, **Petrigliano FA.** Aged Mice Demonstrate Greater Muscle Degeneration After Rotator Cuff Injury. iPoster Presentation - Annual Meeting of American Orthopaedic Association, San Diego, CA. February 2019.

86. Wu G, McClintick D*, Hu V, Gatto JD*, Peault B, Dar A, **Petrigliano FA**. Comprehensive Characterization Of Murine Supraspinatus And Infraspinatus Degeneration Following Tendon And Nerve Chronic Injury. Poster Presentation - 66th Annual Meeting of Orthopaedic Research Society, Phoenix, AZ. February 2020.
87. Aderibigbe T*, Gatto JD*, Shahinyan RH*, Subhash AK*, Karlin E*, Xi H, Pyle A, Peault B, **Petrigliano FA**, Dar A. Differentiation Kinetics Of Human Perivascular Cells For The Treatment Of Chronically-injured Muscle. Poster Presentation - 66th Annual Meeting of Orthopaedic Research Society, Phoenix, AZ. February 2020.
88. **Petrigliano FA**, Liu N, Lee S, Bogdanov J**, Evseenko D. Long Term Assessment Of Porcine Articular Cartilage Repair After Transplantation Of Human Pluripotent Stem Cell-derived Chondrocytes. Poster Presentation - 66th Annual Meeting of Orthopaedic Research Society, Phoenix, AZ. February 2020.
89. Gatto JD*, Aderibigbe T, McClintick D*, Wu G, Hu V, Levain B*, Hicks MR, Dar A, **Petrigliano FA**. Characterization Of CD56+ Human Rotator Cuff Cells As Candidates For Treatment Of Chronically Injured Muscle. Poster Presentation - 66th Annual Meeting of Orthopaedic Research Society, Phoenix, AZ. February 2020.
90. Karlin E*, Gatto JD*, Wu G, McClintick D*, Hu V Aderibigbe A, Levain B*, Peault B, **Petrigliano FA**, Dar A. Increased Adipogenesis In Chronically Injured Murine Rotator Cuff Cultures In The Presence Of Fibrosis Inhibiting Compound. Poster Presentation - 66th Annual Meeting of Orthopaedic Research Society, Phoenix, AZ. February 2020.
91. **Petrigliano, FA**. Outcomes of Knee Arthroscopy in NCAA Division 1 Football Players: A 20-year Experience. Poster Presentation - Annual Meeting of the American Orthopaedic Society of Sports Medicine, Nashville, Tennessee, July 2021.

Regional:

1. **Petrigliano FA**, English CS, Barba D, Esmende S, Wu BM, McAllister DM. The effects of local bFGF release and uniaxial strain on bone marrow stromal cells in a 3D environment: Implications for ligament tissue engineering. Podium presentation - Annual meeting of the California Orthopaedic Association; Monterey, California; April 2007.
2. **Petrigliano FA**, English CS, Barba D, Esmende S, Wu BM, McAllister DM. The effects of local bFGF release and uniaxial strain on bone marrow stromal cells in a 3D environment: Implications for ligament tissue engineering. Podium presentation - Annual meeting of the Western Orthopaedic Association; San Diego, California; July 2007.
3. **Petrigliano, FA**. Hot topics in elbow surgery. Podium Presentation – Annual meeting of the California Orthopaedic Association; Palos Verdes, CA; April 2013.
4. Yeranorian MG**, Terrell RD*, Wang JC, McAllister DR, **Petrigliano FA**. The Costs Associated with the Evaluation of Rotator Cuff Tears Prior to Surgical Repair. Podium presentation – Annual meeting of the Western Orthopaedic Association; Lake Tahoe, Nevada; July 2013.
5. Rosenblum S*, Yeranorian MG**, Rodney TD, McAllister DR, **Petrigliano FA**. Trends in ulnar collateral ligament reconstruction and associated elbow surgery. Podium Presentation -Western Student Medical Research Forum; Carmel, California; January 2014.
6. Nassiri N*, Jones KJ, McAllister DR, **Petrigliano FA**. Shoulder Stabilization in the Overhead Athlete: A Systematic Review. Poster Presentation - Annual Meeting of the Western Orthopaedic Association, Kohala Coast, Hawaii, August 2014.
7. Khan AZ*, Arom GA*, Yeranorian MG**, Cohen JR, Wang JC, McAllister DR, **Petrigliano FA**. Preoperative Costs Associated with Evaluation and Therapy Prior to Shoulder Arthroplasty. Podium Presentation - Annual Meeting of the Western Orthopaedic Association, Kohala Coast, Hawaii, August 2014.

8. Vellios EE*, Yeraniosian MG**, Cohen J, Wang JC, McAllister DR, **Petrigliano FA**. Demographic Trends in Arthroscopic and Open Biceps Tenodesis: Poster Presentation - Annual Meeting of the Western Orthopaedic Association, Kohala Coast, Hawaii, August 2014.
9. Rosenblum S*, Yeraniosian MG**, Rodney TD, McAllister DR, **Petrigliano FA**. Trends in ulnar collateral ligament reconstruction and associated elbow surgery. Poster Presentation – Annual Meeting of the Western Orthopaedic Association, Kohala Coast, Hawaii, August 2014.
10. Leong NL*, Kabir N, Arshi A*, Nazemi A*, Wu B, McAllister DR, and **Petrigliano FA**. In vivo evaluation of electrospun polymer grafts for ACL tissue engineering. Podium Presentation - Annual Meeting of the Western Orthopaedic Association, Kohala Coast, Hawaii, August 2014.
11. Leong NL*, Cohen JR, Lord EL, Wang JC, McAllister DR, **Petrigliano FA**. Demographic Trends and Complication Rates in Arthroscopic Elbow Surgery. Podium Presentation - California Orthopaedic Association's Annual Meeting, Indian Wells, California, April 2015. (*2015 Winner COA Orthopaedic Institute for Children Resident Award*)
12. Vellios EE*, Nazemi A*, Yeraniosian MG**, Cohen J, Wang JC, McAllister DR, **Petrigliano FA**. Demographic Trends in Arthroscopic and Open Biceps Tenodesis. Podium Presentation - California Orthopaedic Association's Annual Meeting, Indian Wells, California, April 2015.
13. Eliasberg C*, Kowalski TJ*, , Natsuhara KM*, McBride OJ*, **Petrigliano FA**. Progenitor Cells Diminish Fatty Degeneration in Rotator Cuff Tear Model. Podium Presentation - Annual Meeting of the Western Orthopaedic Association, Coeur d'Alene, Idaho, August 2015.
14. Eliasberg C*, Ishmael CR*, Cohen JR, Wang JC, **Petrigliano FA**. Treatment Trends and Complication Rates Following Humeral Shaft Fractures. Podium Presentation - Annual Meeting of the Western Orthopaedic Association, Coeur d'Alene, Idaho, August 2015.
15. Khan AZ*, Kowalski TJ*, Cohen JR, Ishmael CR, McAllister DR, Wang JC, **Petrigliano FA**. Open Shoulder Stabilization: Current Trends and Post-Operative Complications. Podium Presentation - Annual Meeting of the Western Orthopaedic Association, Coeur d'Alene, Idaho, August 2015.
16. Leong NL*, **Petrigliano FA**, McAllister DR. Hypoxic Culture Conditions Induce Increased Metabolic Rate and Collagen Gene Expression in ACL Derived Cells. Podium Presentation - Annual Meeting of the Western Orthopaedic Association, Coeur d'Alene, Idaho, August 2015.
17. Cha P, Kabir, N, Kowalski T, Eliasberg C*, McBride O*, Evseenko D, **Petrigliano FA**. Characterization of ACL-Derived Progenitor Cells on a Polymeric Scaffold. Poster Presentation- Annual Meeting of the Western Orthopaedic Association, Coeur d'Alene, Idaho, August 2015.
18. Zhang JY*, Cohen JR, Wang JC, **Petrigliano FA**, McAllister DR, Jones KJ. Perioperative Management and Treatment Costs of Knee Articular Cartilage Lesions. Podium Presentation - Annual Meeting of the Western Orthopaedic Association, Coeur d'Alene, Idaho, August 2015.
19. Ishmael C*, Cohen JR, Wang JC, **Petrigliano FA**. Operative Versus Non-Operative Treatment of Clavicle Fractures - National Trends & Complications. Podium Presentation - Annual Meeting of the Western Orthopaedic Association, Coeur d'Alene, Idaho, August 2015.
20. Bluth B, Cohen JR, **Petrigliano FA**. Early Complications of Acromioclavicular Joint Reconstruction Requiring Re-operation. Podium Presentation - Annual Meeting of the Western Orthopaedic Association, Coeur d'Alene, Idaho, August 2015.
21. Yamaguchi KT*, Boguszewski DV, Cheung EC*, Mathew J, Markolf KL, McAllister DR, **Petrigliano FA**. Effects of Proximal Tibia Anterior Closing Wedge Osteotomy on ACL Force and Knee Kinematics. Podium Presentation - Annual Meeting of the Western Orthopaedic Association, Indian Wells, California, September 2016. ****Winner of the 2016 Harold and Nancy Willingham Award.***

22. Maciel RC*, Leong NL*, Yamaguchi KT*, **Petrigliano FA**, McAllister DR. Adipose Derived Perivascular Stem Cells for Anterior Cruciate Ligament Regeneration. Poster Presentation - Annual Meeting of the Western Orthopaedic Association, Indian Wells, California, September 2016.
23. Maciel RC*, Yamaguchi KT*, Jensen A*, D'Oro A, Wang JC, Petrigliano FA. Midshaft Forearm Fractures: Demographics and Complication Rates within Medicare Population. Poster Presentation - Annual Meeting of the Western Orthopaedic Association, Indian Wells, California, September 2016.
24. Yamaguchi KT*, Maciel RC*, Jensen AR*, Busey Z., Wang J, Dowd C. **Petrigliano FA**. Patient Demographics and Complications Following Operative Treatment of Distal Radius Fractures. Poster Presentation - Annual Meeting of the Western Orthopaedic Association, Indian Wells, California, September 2016.
25. Jensen AR*, Dar A, Eliasberg C*, Kelley B, Devana S, McAllister DR, **Petrigliano FA**. Fibroadipogenic Progenitor Cells Cause Fatty Infiltration in a Murine Rotator Cuff Tears. Podium Presentation - Annual Meeting of the Western Orthopaedic Association, Indian Wells, California, September 2016. ****Winner of resident research award.**
26. Ishmael C*, Cohen JR, Wang JC, **Petrigliano FA**, Vezeridis PS. Operative Versus Non-Operative Treatment of Proximal Humerus Fractures: Demographics, Trends & Complications in a Large National Healthcare Database. Poster Presentation - Western Orthopaedic Association 80th Annual Meeting, Indian Wells, California, September 28 – October 1, 2016.
27. Ishmael C*, Cohen JR, Wang JC, **Petrigliano FA**, Vezeridis PS. National Trends in Elbow Lateral Collateral Ligament Repair & Reconstruction in a Large Private Healthcare Database. Poster Presentation - Western Orthopaedic Association 80th Annual Meeting, Indian Wells, California, September 28 – October 1, 2016.
28. Ariniello A*, Shah P*, Vu B*, Kelley B, Mosich G*, Jensen A*, McAllister DR, Dar A, **Petrigliano FA**. Myogene mRNA Expression Following Rotator Cuff Injury. Podium Presentation - Western Orthopaedic Association 81st Annual Meeting. Kauai, Hawaii, August 2017.
29. Chen JB, Devana S, Jensen A*, Wright M, D'oro A, Buser Z, Wang JC, **Petrigliano FA**. Concomitant Shoulder and Cervical Spine Pathology: Prevalance of Diagnosis and Surgical Management. Podium Presentation - Western Orthopaedic Association 81st Annual Meeting. Kauai, Hawaii, August 2017.
30. Vu B*K, Mosich GM*, Murray I, Jensen AR*, Peault B, Dar A, **Petrigliano FA**. In Vitro Inhibition of Fibroadipogenic Progenitor Cells in a Murine Model of Rotator Cuff Tears. Poster Presentation - Western Orthopaedic Association 81st Annual Meeting. Kauai, Hawaii, August 2017. ***Winner – Best Poster Award**
31. Mosich GM*, Husman R*, Shah P*, Eliasberg CD*, Jensen AR*, Kelley BV, Ariniello A*, Vu B*, Peault B, Pyle A, Dar A, **Petrigliano FA**. In Vitro and In Vivo Characterization of Human Pluripotent Stem Cell Pericytes in a Murine Model of Massive Rotator Cuff Tear. Poster presentation. Western Orthopaedic Association 81st Annual Meeting. Kauai, Hawaii, August 2017.
32. Sharma A*, Jensen A*, Wang C, **Petrigliano FA**. Trends in peripheral nerve blocks in shoulder arthroscopy. Eastern Orthopaedic Association Annual Meeting, Amelia Island, Florida. October 20th, 2018.
33. Sharma A*, Shah P*, Husman R*, **Petrigliano FA**. Greater muscle degeneration in aged mice after rotator cuff injury. Podium Presentation. Western Orthopaedic Association 82nd Annual Meeting. Snowmass, Colorado. August 2nd-4th, 2018.
34. Sharma A*, Jensen A*, Wang C, **Petrigliano FA**. Trends in peripheral nerve blocks in shoulder arthroscopy. Poster Presentation. Western Orthopaedic Association 82nd Annual Meeting. Snowmass, Colorado. August 2nd-4th, 2018.
35. Husman R*, Mosich G*, Xi H, Pyle A, Peault B, Dar A, **Petrigliano FA**. hES-Pericyte Conditioned Media Rescue Myotube Atrophy In Vitro/in Culture. Poster Presentation. Western Orthopaedic Association 82nd Annual Meeting. Snowmass, Colorado. August 2nd-4th, 2018.

36. Sharma AK*, Jensen A*, Wang C, Buser Z, Wang J, **Petrigliano FA**. Trends in Peripheral Nerve Blocks in Arthroscopic Rotator Cuff Repairs. Podium Presentation - Eastern Orthopaedic Association, Amelia Island, Florida. October 20th, 2018.

Local:

1. **Petrigliano FA**, Farnig E, Esmende SM, Barba D, Wu BM, McAllister DM: Ligament and Tissue Engineering. Orthopaedic Hospital Research Day, Los Angeles, CA, 2007.

2. **Petrigliano FA**. Lidocaine injections in athletes. Sports Medicine CORE Conference; Hospital for Special Surgery, New York, New York; August 2009.

3. **Petrigliano FA**. Contraindications to contact sport following lumbar spine injury. Sports Medicine CORE Conference; Hospital for Special Surgery, New York, New York; August 2009.

4. **Petrigliano FA**. Return to sport following lumbar discectomy. Sports Medicine CORE Conference; Hospital for Special Surgery, New York, New York; October 2009.

5. **Petrigliano FA**. Return to sport following MCL reconstruction. Sports Medicine CORE Conference; Hospital for Special Surgery, New York, New York; November 2009.

6. **Petrigliano FA**. Biceps tendon pathology review. Sports Medicine CORE Conference; Hospital for Special Surgery, New York, New York; February 2009.

7. **Petrigliano FA**. Indications for operative management of clavicle fractures. Sports Medicine CORE Conference; Hospital for Special Surgery, New York, New York; March 2009.

8. **Petrigliano FA**. Allografts in the treatment of shoulder injuries. Sports Medicine CORE Conference; Hospital for Special Surgery, New York, New York; March 2009.

9. **Petrigliano FA**. Shoulder evaluation in the athlete. 4th Annual Current Concepts in Sports Medicine; New York, New York; April 2010.

10. **Petrigliano FA**, Voos JE, Suero EM, Citak M, Allen AA, Wickiewicz TJ, Pearle AD. Static and dynamic stability testing of the posterior cruciate ligament- and posterolateral corner-deficient knee. Podium presentation - Hospital for Special Surgery Fellows' Research Day; New York, New York; June 2010.

11. **Petrigliano FA**, Voos JE, Suero EM, Citak M, Allen AA, Wickiewicz TJ, Pearle AD. Static and dynamic stability testing of the posterior cruciate ligament- and posterolateral corner-deficient knee. Podium presentation - Annual West Point Fellows' Research Day; West Point, New York; June 2010.

12. Velios EE, Walthers C, **Petrigliano FA**, Wu BM, Zuk P, McAllister DR. Dynamic Mechanical Analysis of Human Foreskin Fibroblast (HFF) Seeded PCL Scaffolds and its Application to Ligament Reconstruction. Poster presentation – Josiah Brown Poster Fair. David Geffen School of Medicine at UCLA. Los Angeles, CA; July 2011.

13. Donohoe S*, Borgstrom H, McAllister DR, Markolf KL, **Petrigliano FA**. Development of a Noninvasive Gyroscope for Evaluation of the Pivot-shift Phenomenon in ACL-insufficiency Poster presentation – Josiah Brown Poster Fair. David Geffen School of Medicine at UCLA. Los Angeles, CA; July 2011.

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14. Shin B*, Arom GA*, Nazemi A*N, Yerasosian M*, **Petrigliano FA**, Wu BM, McAllister DR. In vivo evaluation of rat bone marrow stromal cell (rBMSC) seeded polycaprolactone (PCL) scaffolds and its application to ligament reconstruction. Poster presentation – Josiah Brown Poster Fair. David Geffen School of Medicine at UCLA. Los Angeles, CA; July 2012.

15. Natsuhara K*, **Petrigliano FA**. Athymic Rat Model of Massive Rotator Cuff Tears to Evaluate Regenerative Therapies. Poster presentation – Josiah Brown Poster Fair. David Geffen School of Medicine at UCLA. Los Angeles, CA; July 2012.
16. Medina O*, **Petrigliano FA**. The influence of demographic variables on outcomes in ACL reconstruction. Poster presentation -Josiah Brown Poster Fair. David Geffen School of Medicine at UCLA. Los Angeles, CA; July 2012.
17. Wu L, Latour B, Gonzalez S Shah S, Kyupelyan L, Ge S, **Petrigliano FA**, McAllister DR, Li X, Adams JS, Crooks GM, Evseenko D. Molecular and functional characterization of primary cartilage cells at early stages of human development. Poster Presentation - UCLA 9th Annual Stem Cell Symposium, Los Angeles CA, 2013.
18. Wu L, Latour B, Gonzalez S Shah S, Kyupelyan L, Ge S, **Petrigliano FA**, McAllister DR, Adams JS, Benya P, Evseenko D. Poster Presentation - Functional cell sorting based on Extracellular Matrix Domain Detection (EMDD) UCLA 9th Annual Stem Cell Symposium, Los Angeles CA, 2013.
19. Nazemi NA, Arom GA*, Yeranoshian M*, **Petrigliano FA**, Wu BM, McAllister DR. In vivo evaluation of electrospun polycaprolactone for anterior cruciate ligament engineering. Poster presentation – Josiah Brown Poster Fair. David Geffen School of Medicine at UCLA. Los Angeles, CA; May 2012.
20. **Petrigliano FA**. Failed rotator cuff surgery: evaluation and decision-making. Oral Presentation-Departmental Grand Rounds; University of Southern California, Department of Orthopaedic Surgery, Los Angeles, California; May 2012
21. Kahn AZ, **Petrigliano FA**. A mouse model of massive rotator cuff tears. Poster presentation – Josiah Brown Poster Fair. David Geffen School of Medicine at UCLA. Los Angeles, California, July 2013.
22. Rosenblum S*, Yeranoshian MG**, Rodney TD, McAllister DR, **Petrigliano FA**. Trends in ulnar collateral ligament reconstruction and associated elbow surgery. Poster Presentation – Josiah Brown Poster Fair. David Geffen School of Medicine at UCLA. Los Angeles, California; August 2013.
23. Leong NL*, McAllister DR, **Petrigliano FA**. Isolation and Characterization of Unique Cell Populations from Human Anterior Cruciate Ligament for Use in Tissue Engineering. Podium Presentation - UCLA Longmire Scientific Day, Los Angeles, California; March 2014
24. Joshi N*, Yang P*, Boguszewski D, **Petrigliano FA**, Markolf KL, McAllister DR. Defining Axes of Normal Knee Motion. Poster Presentation -UCLA Longmire Scientific Day, Los Angeles, California; March 2014
25. Joshi N*, Wang D*, Boguszewski D, **Petrigliano FA**, Markolf KL, McAllister DR. Evaluation of Two Soft Tissue Fixation Methods for Anterior Cruciate Ligament Reconstruction. Poster Presentation -UCLA Longmire Scientific Day, Los Angeles, California; March 2014
26. Ituarte F*, Li C, Shim D, Gupta V, Tran D, Bengs B, Ting K, Soo C, **Petrigliano FA**. Anti-inflammatory properties of NELL-1 on human articular chondrocytes in-vitro. Podium Presentation - UCLA David Geffen School of Medicine Senior Scholarship Day, Los Angeles, California; March 2014
27. Arom GA*, Arshi A*, Nazemi A*N, Yeranoshian MG**, Wu BM, McAllister DR, **Petrigliano FA**. Reconstruction of the Anterior Cruciate Ligament Using Electrospun Polycaprolactone in an In Vivo Rodent Model. Poster Presentation - Rosalind Franklin University of Medicine and Science, All School Research Consortium, Chicago, Illinois; March 2014.
28. **Petrigliano FA**. Tissue Engineering Strategies for ACL Reconstruction. Oral Presentation - AOSSM-ESSKA Travelling Fellows' Scientific Program, Lyon, France; April 2014
29. **Petrigliano FA**. Antifibrotic Therapy for Cartilage Regeneration. Oral Presentation – AOSSMESSKA Travelling Fellows' Scientific Program, Geneva, Switzerland; May 2014

30. **Petrigliano FA.** Non-invasive Evaluation of the Pivot Shift Phenomenon. Oral Presentation - AOSSM-ESSKA Travelling Fellows' Scientific Program, Paris, France; May 2014
31. **Petrigliano FA.** Antifibrotic Therapy for Cartilage Regeneration. Oral Presentation – AOSSMESSKA Travelling Fellows' Scientific Program, Milan, Italy; May 2014
32. **Petrigliano FA.** Antifibrotic Therapy for Cartilage Regeneration. Oral Presentation – AOSSMESSKA Travelling Fellows' Scientific Program, Oslo, Norway; May 2014
33. **Petrigliano FA.** Tissue Engineering Strategies for ACL Reconstruction. Oral Presentation - AOSSM-ESSKA Travelling Fellows' Scientific Program, Oslo, Norway; May 2014
34. Cha pi*, Kabir N, McBride OJ*, Eliasberg CD*, Kowalski TJ*, **Petrigliano FA.** Evaluation of ACL Derived Progenitor Cells for Tissue Engineering. Poster Presentation - Josiah Brown Poster Fair. David Geffen School of Medicine at UCLA. Los Angeles, California; July 2014.
35. McBride OJ*, Cha pi*, Kabir N, Eliasberg CD* Park S, Kowalski TJ*, SooHoo NF, **Petrigliano FA.** Evaluation of Adipose Derived Human Mesenchymal Stem Cell Injection on Achilles Tendon Healing in a Rat Model. Poster Presentation - Josiah Brown Poster Fair. David Geffen School of Medicine at UCLA. Los Angeles, California; July 2014.
36. Leong NL*, **Petrigliano FA,** McAllister DR, In Vivo Evaluation of Tissue Engineered Constructs for Anterior Cruciate Ligament Reconstruction. Podium Presentation - UCLA Longmire Scientific Day, Los Angeles, California; March 2015.
37. Vellios EE*, Nazemi A*, Yeranorian MG**, Cohen J, Wang JC, McAllister DR, **Petrigliano FA.** Demographic Trends in Arthroscopic and Open Biceps Tenodesis. Poster Presentation – UCLA Longmire Scientific Day, Los Angeles, California; March 2015.
38. Leong NL* McAllister DR, **Petrigliano FA.** Demographic Trends and Complication Rates in Arthroscopic Elbow Surgery. Poster Presentation – UCLA Longmire Scientific Day, Los Angeles, California; March 2015.
39. Leong NL*, **Petrigliano FA,** McAllister DR. In Vitro Characterization of Sustained Drug Release from Tissue-Engineered ACL Scaffolds. Poster Presentation – UCLA Longmire Scientific Day, Los Angeles, California; March 2015.
40. Joshi N*, **Petrigliano FA,** McAllister DR. Preoperative Pivot-Shift Testing for ACL Insufficiency Using Inertial Sensor Technology. Poster Presentation – UCLA Longmire Scientific Day, Los Angeles, California; March 2015.
41. Joshi N*, Wang D*, Yang P*, Markolf KL, **Petrigliano FA,** Jones KJ. Surgical Treatment of Distal Biceps Tendon Rupture: A Database Analysis of 1,443 Patients – UCLA Longmire Scientific Day, Los Angeles, California; March 2015.
42. **Petrigliano FA.** Perivascular Stem Cells as a Therapy for Fatty Degeneration of the Rotator Cuff. Oral Presentation - Wilson-Bost Interurban Orthopaedic Club, Los Angeles, California; April 10th, 2015.
43. Eliasberg CD*, Jensen AR*, Dar Oakin A, Kowalski TF, Murray IR, Khan AZ*, Natsuhara KM*, Garagozolo CA, McAllister DR, **Petrigliano FA.** Perivascular Stem Cells Diminish Muscle Atrophy Following Massive Rotator Cuff Tears in a Small Animal Model. Poster Presentation – UCLA David Geffen School of Medicine Senior Scholarship Day, March 17th, 2016.
44. Ariniello A*, Vu B*, Kelley B, Jensen A*, McAllister D, Dar A, **Petrigliano FA.** mRNA Expression Following Tendon and Nerve Injury of the Rotator Cuff. Poster Presentation – Josiah Brown Poster Fair. David Geffen School of Medicine at UCLA. Los Angeles, California; July 2016.
45. Vu B*K, Kelley BV, Jensen AR*, Dar A, **Petrigliano, FA.** The Role of Diabetes in Muscle Atrophy and Fatty Degeneration During Massive Rotator Cuff Injuries. Poster Presentation - Josiah Brown Poster Fair. David Geffen School of Medicine at UCLA. Los Angeles, California; July 2016.

46. Mosich GM*, Shah P*, Eliasberg CD*, Jensen AR*, Kelley BV, Arniello A, Vu B*, Peault B, Pyle A, McAllister DR, Dar A, **Petrigliano FA**. In Vitro and In Vivo Characterization of Human Pluripotent Stem Cell Pericytes in a Murine Model of Massive Rotator Cuff Tear. Podium Presentation - 13th Annual UCLA Stem Cell Symposium. Los Angeles, California; February 2017.
47. Jensen AR*, Kelley BV, Devana SK, Eliasberg CD*, Peault B, Dar A, **Petrigliano FA**. Improving the Surgical Outcomes of Rotator Cuff Repair. Podium presentation - UCLA Annual Herbert Stark Lecture Series. Los Angeles, California. January 2016.
48. Jensen AR*, Kelley BV, Devana SK, Eliasberg CD*, Peault B, Dar A, **Petrigliano FA**. The Role of PDGFR α + and PDGFR β + Cell Populations in Remodeling of the Rotator Cuff After Irreversible Injury in a Murine Model. Podium presentation - Center for Duchenne Muscular Dystrophy Annual Conference. Los Angeles, California. February 2016.
49. Jensen AR*, Dar A, Kelley BV, **Petrigliano FA**. Improving the Surgical Outcomes of Rotator Cuff Repair". Podium presentation - UCLA Pediatric Visiting Professor Program. Los Angeles, California. April 2016.
50. A, Jensen AR*, Arniello A, Kelley BV, Hicks MR, Jan M, Vu B*, Murray IR, Pyle A, Péault B, **Petrigliano FA**. Distinct Subsets of PDGFR β + Progenitor Cells Promote Sequential Myogenic and Degenerative Remodeling After Chronic Muscle Injury. Podium Presentation. Center for Duchenne Muscular Dystrophy Annual Conference. Los Angeles, California. November 2016.
51. Mosich GM*, Shah P*, Eliasberg CD*, Jensen AR*, Kelley BV, Ariniello A*, Vu B*, Peault B, Pyle A, Dar A, **Petrigliano FA**. Improving the Surgical Outcomes of Rotator Cuff Repair. Podium presentation. UCLA Annual Herbert Stark Lecture Series. Los Angeles, California; January 2017.
52. Mosich GM*, Husman R*, Shah P*, Eliasberg CD*, Jensen AR*, Kelley BV, Ariniello A*, Vu B*, Peault B, Pyle A, Dar A, **Petrigliano FA**. Improving the Surgical Outcomes of Rotator Cuff Repair: A Role for Mesenchymal Stem Cells. Podium presentation. UCLA Annual Academic Day. Los Angeles, California. June 2017.
53. Husman R*, Mosich G*, Sharma AK*, Shah P*, Pyle A, Peault B, Dar A, **Petrigliano FA**. Analysis of Fibrotic Potential of Pericytes Derived from Human Pluripotent Stem Cells. Poster Presentation. Josiah Brown Poster Fair, UCLA. Los Angeles, California. July 2017.
54. Sharma AK*, Shah P*, Mosich G*, Husman R*, Ariniello A*, Peault B, Dar A, **Petrigliano FA**. A comparison of cellular populations and fibroadipogenic gene expression profiles in older and younger-aged murine models after induction of rotator cuff injury: is there a difference observed with age? Poster Presentation. Josiah Brown Poster Fair, UCLA. Los Angeles, California. July 2017
55. Husman R*, Mosich G*, Sharma AK*, Shah P*, Pyle A, Peault B, Dar A, **Petrigliano FA**. Analysis of Fibrotic Potential of Pericytes Derived from Human Pluripotent Stem Cells. Poster Presentation. Josiah Brown Poster Fair, UCLA. Los Angeles, CA 2017.

INVITED GRAND ROUNDS, CME COURSES

1. Instructional Course - Fractures of Humeral Shaft and Proximal Humerus, Doctors Demystify Current Orthopedics for Allied Health Professionals, February, 2011.
2. Surgical Skills Course – Let's Do a Total Shoulder Replacement - 79th Annual Meeting of the American Academy of Orthopaedic Surgeons; San Francisco, California, March 2012.
3. Surgical Skills Course – Let's Do a Total Shoulder Replacement - 80th Annual Meeting of the American Academy of Orthopaedic Surgeons; Chicago, Illinois; March 2013.
4. Instructional Course - PRP, BMP and Stem Cells: What Surgeons Need to Know. 81st Meeting of the American Academy of Orthopaedic Surgeons; New Orleans, Louisiana; March 2014.

5. ORTHPDC199, Directed Research in Orthopaedic Surgery, UCLA, Fall 2013
6. OS600, Orthopaedic Surgery Research, David Geffen School of Medicine at UCLA, Winter, 2014.
7. Problems in Reverse Total Shoulder Arthroplasty and How to Avoid Them. Advances in Hip, Knee, and Shoulder Arthroplasty. Scottsdale, Arizona; October 2014.
8. Managing Glenoid Bone Loss in Shoulder Arthroplasty; Advances in Hip, Knee, and Shoulder Arthroplasty. Scottsdale, Arizona; October 2014.
9. Instructional Course - PRP, BMP and Stem Cells: What Surgeons Need to Know. 82nd Meeting of the American Academy of Orthopaedic Surgeons; Las Vegas, Nevada; March 2015.
10. Instructional Course – MRI – Arthroscopy Correlations of the Knee and Shoulder: A Case Based Approach. 82nd Meeting of the American Academy of Orthopaedic Surgeons; Las Vegas, Nevada; March 2015.
11. Revision Shoulder Arthroplasty. BSM Comprehensive Shoulder System Instructional Course; Henderson, Nevada; June 2015.
12. Instructional Course - PRP, BMP and Stem Cells: What Surgeons Need to Know. 83rd Meeting of the American Academy of Orthopaedic Surgeons; Orlando, Florida; March 2016.
13. Instructional Course – MRI – Arthroscopy Correlations of the Knee and Shoulder: A Case Based Approach. 82nd Meeting of the American Academy of Orthopaedic Surgeons; Orlando, Florida; March 2016.
14. Comprehensive Shoulder Summit. Long Beach, California; April 2016.
15. Shoulder Arthroplasty from Total to Reverse. Glendale, California; May 2016.
16. San Diego Shoulder Course, San Diego, California, June 2016.
17. Instructional Course – Shoulder Arthritis in the Ageing Athlete. 42nd Annual Meeting of the American Orthopaedic Society of Sports Medicine; Colorado Springs, Colorado, July 2016.
18. Essential Skills in Reverse Shoulder Arthroplasty Instructional Course; Henderson, Nevada; September 2016.
19. AOSSM Advanced Team Physician Course – C-spine and Stingers. San Diego, California; December 2016.
20. UCLA Musculoskeletal Ultrasound Course and Hands-on Workshop 2017. Ultrasound for the Diagnosis and Management of Rotator Cuff Tears. January, 2017.
21. Instructional Course Lecture– Shoulder Arthritis in the Ageing Athlete. 43rd Annual Meeting of the American Orthopaedic Society of Sports Medicine; Toronto, Ontario, Canada July 2017.
22. West Shoulder Symposium, Long Beach, California June 10th, 2017
23. Mountain West Shoulder Symposium, Salt Lake City, Nevada, September 23rd, 2017
24. Orthopaedic Summit and Emerging Technologies - Osteoarthritis of the Shoulder: I Do NOT Want Shoulder - Inject Me! Cortisone, HA, PRP, Stem Cells - Something has to Work! Las Vegas, Nevada, December 8th, 2017
25. Orthopaedic Summit and Emerging Technologies - Osteoarthritis of the Shoulder: Irreparable Rotator Cuff Tear: Does Everyone Need a Reverse? What Other Options Are Out There? Las Vegas, Nevada, December 8th, 2017

26. Instructional Course – Shoulder Arthritis in the Ageing Athlete. 44nd Annual Meeting of the American Orthopaedic Society of Sports Medicine; San Diego, California, July 2018.
27. Faculty, Current Concepts in Shoulder Arthroplasty: A Cadaver-based Course. Las Vegas, Nevada. April 13th, 2018.
28. Chair, Current Concepts in Shoulder Arthroplasty: A Cadaver-based Course. Mahwah, New Jersey. September 21st, 2018.
29. Chair, Mountain West Shoulder Symposium, Salt Lake City, Nevada, February 1st, 2019.
30. Faculty, Instructional Course Lecture – Shoulder Arthritis in the Ageing Athlete. Annual Meeting of the American Academy of Orthopaedic Surgeons; Las Vegas, Nevada. March 15th, 2019.
31. Faculty, USC Innovations and Advances in Spine Care, Los Angeles, California, June 25th, 2020.
32. Host, USC Innovations and Advances in Orthopaedic Surgery, Los Angeles, California, January 27th, 2021.
33. Faculty, Differential Diagnosis and Treatment of Crossover Pathology 6th Annual USC Spine Symposium., Los Angeles, California, February 26th, 2021.
34. Faculty, Instructional Course - PRP, BMP and Stem Cells: What Surgeons Need to Know. Annual Meeting of the American Academy of Orthopaedic Surgeons; San Diego, California. August, 2021.
35. Faculty, Instructional Course Lecture – Shoulder Arthritis in the Ageing Athlete. Annual Meeting of the American Academy of Orthopaedic Surgeons; San Diego, California. August, 2021.

HOSPITAL PRESENTATIONS:

1. Treatment of osteochondral defects and meniscal injuries. Resident CORE Conference; UCLA Department of Orthopaedic Surgery, Los Angeles, California; September 2010.
2. Diagnosis and management of rotator cuff tears. Resident CORE Conference; UCLA Department of Orthopaedic Surgery, Los Angeles, California; September 2011.
3. Shoulder Biomechanics. Resident CORE Conference; UCLA Department of Orthopaedic Surgery, Los Angeles, California; September 2011.
4. Shoulder Anatomy. Resident CORE Conference; UCLA Department of Orthopaedic Surgery, Los Angeles, California; August 2012.
5. Introduction to Orthopaedic Surgery, UCLA School of Medicine Orthopaedic Interest Group; August, 2012.
6. Shoulder Anatomy. Resident CORE Conference; UCLA Department of Orthopaedic Surgery, Los Angeles, California; August 2013
7. Introduction to Orthopaedic Surgery, UCLA School of Medicine Orthopaedic Interest Group, August, 2013.
8. Basic Science Review. Resident CORE Conference; UCLA Department of Orthopaedic Surgery, Los Angeles, California; September 2013
9. Shoulder Arthroplasty. Resident CORE Conference; UCLA Department of Orthopaedic Surgery, Los Angeles, California; October 2013
10. Common Shoulder and Elbow Problems. UCLA Primary Care Update, Las Vegas Nevada, April 5th, 2014.

11. Initiation of Motion Following Rotator Cuff Repair – What's the Evidence? UCLA Department of Physical Therapy, Santa Monica, California, June 12, 2014.

12. Regenerative Approaches to ACL Injury. UCLA Broad Stem Cell Center Working Group, Los Angeles, California, November 5, 2014.

13. Diagnosis and management of rotator cuff tears. Resident CORE Conference; USC Department of Orthopaedic Surgery, Los Angeles, California; December 2020.

PUBLICATIONS:

REFEREED JOURNAL ARTICLES:

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