

Michael W. Moser, M.D.

Michael W. Moser, M.D.

Florida Orthopaedic Institute

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Tampa, FL 33637
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Educational Background

University

University of Florida
Gainesville, FL
2008

Medical School

University of Florida
Gainesville, FL
1997

Fellowship

Master Educator Fellowship
University of Florida
2010

Certifications

- American Board of Orthopaedic Surgery, 2005
- Autologous Chondrocyte Implantation, 2003
- American Board of Orthopaedic CAQ, Sports Medicine, 2015

Awards and Honors

- Co-author, Excellence in Research Award, Sports Section, American Physical Therapy Association, 2008
- Wyeth-Ayerst Resident Reporter Program, AAOS National Meeting, 2002

Publications

- Chmielewski TL, George SZ, Tillman SM, **Moser MW**, Lentz TA, Indelicato PA, Trumble TN, Shuster JJ, Cicuttini FM, Leeuwenburgh C.
 - Low- Versus High-Intensity Plyometric Exercise During Rehabilitation After Anterior Cruciate Ligament Reconstruction. *Am J Sports Med.* 2016 Mar;44(3):609-17. doi: 10.1177/0363546515620583. Epub 2016 Jan 21.2.
- George SZ, Wu SS, Wallace MR, **Moser MW**, Wright TW, Farmer KW, Greenfield WH 3rd, Dai Y, Li H, Fillingim RB.
 - Biopsychosocial influence on shoulder pain: Genetic and psychological combinations are predictive of 12 month post-operative pain and disability outcomes. *Arthritis Care Res (Hoboken).* 2016 Mar 4. doi: 10.1002/acr.22876.3.
- Herman DC, Jones D, Harrison A, **Moser MW**, Tillman S, Farmer K, Pass A, Clugston JR, Hernandez J, Chmielewski TL.
 - Concussion May Increase the Risk of Subsequent Lower Extremity Musculoskeletal Injury in Collegiate Athletes. *Sports Med.* April 2016
- Valencia C, Coronado RA, Simon CB, Wright TW, **Moser MW**, Farmer KW, George SZ.
 - Preoperative physical therapy treatment did not influence postoperative pain and disability outcomes in patients undergoing shoulder arthroscopy: a prospective study. *J Pain Res.* 2016 Jul 6;9:493-502. doi: 10.2147/JPR.S101702. eCollection 2016.
- George SZ, Wallace MR, Wu SS, **Moser MW**, Wright TQ, Farmers KW, Borsa PA, Parr JJ, Greenfield WH 3rd, Dai Y, Li H, Fillingim RB.
 - Biopsychosocial influence on shoulder pain: risk subgroups translated across preclinical and clinical prospective cohorts. *Pain.* 2015 Jan; 156(1): 148-56. doi: 10.1016/j. pain
- Lentz TA, Zeppieri G Jr, George SZ, Tillman SM, **Moser MW**, Farmer KW, Chmielewski TL.
 - Comparison of Physical Impairment, Functional, and psychosocial Measures Based on Fear of Reinjury/Lack of Confidence and Return-to-Sport Status after ACL Reconstruction. *Am J Sports Med.* 2015 Feb; 43(2): 345-53. doi: 10.1177/0363546514559707
- Simon CB, Coronado RA, Greenfield WH 3rd, Valencia C, Wright TW, **Moser MW**, Farmer KW, George SZ.
 - Predicting Pain and Disability after Shoulder Arthroscopy: Rotator Cuff Tear Severity and Concomitant Arthroscopic Procedures. *Clin J Pain.* 2015 Jun 18.
- Zeppieri G, Lentz TA, **Moser MW**, and Farmer KW.
 - Changes in Hip Range of Motion and Strength in Collegiate Baseball Pitchers over the Course of a Competitive Season: A Pilot Study. *The International Journal of Sports Physical Therapy.* 2015 Aug; (10)4: pp. 1-9.
- Simon CB, Riley JL 3rd, Coronado RA, Valencia C, Wright TW, **Moser MW**, Farmer KW, George SZ.
 - Older Age as a Prognostic Factor of Attenuated Pain Recovery After Shoulder Arthroscopy PM R. 2015 Sep 12. (15) pp: S1934-1482

Publications (cont.)

- Samitier G, Marcano AI, Alentorn-Geli E, Cugat R, Farmer KW, **Moser MW**.
 - Failure of Anterior Cruciate Ligament Reconstruction. *Arch Bone Jt Surg*. 2015 Oct;3(4):220-40.
- Lentz TA, George S, Zeppieri G, **Moser MW**, farmer KW, Tillman S, Chmielewski T.
 - Pain intensity, pain catastrophizing, kinesiophobia and self-reported function in the first year following anterior cruciate ligament reconstruction. *The Journal of Pain*. 2014 April;15(4) pp: S4
- Simon C, Coronado R, Greenfield III W, Wright TW, **Moser MW**, Farmer KW, George S.
 - Shoulder pathology and surgical procedure are not predictive of post-surgical temporal summation of second pain. *The Journal of Pain*. 2014 April;15(4) pp: S5
- Dubose D(f), Tillman S, **Moser MW**, Pass AN, Farmer KW, Herman DC, Clugston JR, and Chmielewski TL. Paper.
 - Lower Extremity Strength Changes in Collegiate Football Players Following Concussion. American College of Sports Medicine Annual Meeting. Orlando, FL. May 27, 2014.
- **Moser MW**, Farmer KW, Rossidis G, Perry A, Abbas H, Motamarry I, Lux T, Clugston J, Caban A, Ben-David K.
 - Laparoscopic Hernia Repair with Adductor Tenotomy for Athletic Pubalgia: An established procedure for an obscure entity. *Surgical Endoscopy*. Accepted.
- Chmielewski TL, Zeppieri G, Lentz, TA, Tillman SM, **Moser MW**, Indelicato PA, George SZ.
 - Longitudinal Changes in Psychosocial Factors and there Association with Knee Pain and Function after ACL Reconstruction. *PTJ*, Accepted.
- Hsieh CJ, Indelicato PA, **Moser MW**, Vandenborne K, Chmielewski TL.
 - Speed, not magnitude, of knee extensor torque production is associated with self-reported knee function early after anterior cruciate ligament reconstruction. *Knee Surg Sports Traumatol Arthrosc* 2014 Jul 16.
- Farmer KW, Uribe JW, **Moser MW**, Conrad BC, Yagnik GP, Wright TW.
 - Glenoid Fracture after Arthroscopic Bankart Repair: Case Series and Biomechanical Analysis. *J Surg Adv Orthop*, 23(3): 155-161, 2014.
- Chiemlewski TL, Martin CS, Tillman S, **Moser MW**, Farmer KW, and Lentz TA.
 - Normalization Considerations for Using the Unilateral Seated Shot Put Test in Rehabilitation. *J Orthop Sports Phys Ther* Jul 2014; 44 (7): 518-24.
- Valencia C, Fillingim RB, Bishop M, Wu SS, Wright TW, **Moser MW**, Farmer K, George SZ.
 - Investigation of central pain processing in postoperative shoulder pain and disability. *Clin J Pain*. 2014 Sep;30(9):775-86.
- Jones D, Tillman SM, Tofte K, Mizner RL, Greenberg S, **Moser MW**, Farmer KW, Chmielewski TL.
 - Observational ratings of frontal plane knee position are related to the frontal plane projection angle but not the knee abduction angle during a step-down task. *J Orthop Sports Phys Ther*. 2014 Dec; 44 (12): 973-8. doi: 10.2519/jospt.2014.4960
- Farmer KW, Kenney N(r), **Moser MW**, and Conrad B. 2013.
 - Biomechanical Qualities of Small Size Hamstring Grafts: How Small is Too Small?. *Arthroscopy The Journal of Arthroscopic and Related Surgery*. 29/10: e145-e146.
- Lentz TA, Zeppieri G Jr, Tillman SM, Indelicato PA, **Moser MW**, George SZ, Chmielewski TL.
 - Return to preinjury sports participation following anterior cruciate ligament reconstruction: contributions of demographic, knee impairment, and self-report measures. *J Orthop Sports Phys Ther*. 2012 Nov; 42 (11): 893-901. Doi: 10.2519/jospt.2012.4077. 2012 Aug 2.
- Chmielewski TL, Trumble TN, Joseph AM, Shuster J, Indelicato PA, **Moser MW**, Cicuttini FM, Leeuwenburgh C.
 - Urinary CTX-II concentrations are elevated and associated with knee pain and function in subjects with ACL reconstruction. *Osteoarthritis Cartilage*. 2012 Nov; 20 (11): 1294-301 doi: 10.1016/j.joca.2012.07.014 2012 Aug 2.
- Zeppieri G Jr, Lentz TA, Atchison JW, Indelicato PA, **Moser MW**, Vincent KR, George SZ.
 - Preliminary results of patient-defined success criteria for individuals with musculoskeletal pain in outpatient physical therapy settings. *Arch Phys Med Rehabil*. 2012 Mar; 93 (3): 434-40. doi: 10.1016/j.apmr.2011.10.007 2012 Jan 24.
- Tighe PJ, Brennan M, **Moser MW**, Boezaart AP, Bihorac A.
 - Primary Payer Status Is Associated with the use of Nerve Block Placement for Ambulatory Orthopedic Surgery. *Regional Anesthesia and Pain Medicine* 2012; 00(00):1-8.
- Wright TW, **Moser MW**, Sahajpal DT.
 - Hook of Hamate Pull Test. *Surgical Technique* 2010; 35A 1887-1889.
- Lentz TA, Tillman SM, Indelicato PA, **Moser MW**, George SZ, Chmielewski TL.
 - Factors associated with function after anterior cruciate ligament reconstruction. *Sports Health: A Multi-disciplinary Approach* 2009; 1(1):47-53.
- Clark JC1, Rueff DE1, Indelicato PA, **Moser MW**.
 - Primary ACL Reconstruction Using Allograft Tissue. *Clin Sports Med*, 28 (2009) 223-244.
- Nishinaka N2, Tsutsui H2, Mihara K2, Suzuki K2, Makiuchi D2, Kon Y2, Wright TW, **Moser MW**, Gamada K, Sugimoto H, Banks SA.
 - Determination of in-vivo glenohumeral translation using fluoroscopy and shape matching techniques. *J Shoulder Elbow Surg*, 17(2):319-322 2008.

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Publications (cont.)

- George SZ, Wallace MR, Wright TW, **Moser MW**, Greenfield WH, Sack BK, Herbstman DM, Fillingim RB.
 - Evidence for a biopsychosocial influence on shoulder pain: pain catastrophizing and catechol-o-methyltransferase (COMT) diplotype predict clinical pain ratings. *Pain*, 136(1):53-61 2008.
- **Moser MW**, Jablonski MJ, Horodyski MB, Wright TW.
 - Functional Outcome of Surgically Treated Massive Rotator Cuff Tears: A Comparison of Complete Repair, Partial Repair, and Debridement; *Orthopedics* 30:6 479-82, 6/2007.
- **Moser MW**, Dugas J, Hartzell J1, Thornton DD.
 - A Hypermobile Wrisberg Variant Lateral Discoid Meniscus seen on MRI. *Clin Orthop Relat Res.* 2007 Mar;456:264-7.
- Wilk KE, Reinold MM, Dugas JR, Arrigo CA, **Moser MW**, Andrews JR:
 - Current Concepts in the Recognition and Treatment of Superior Labral (SLAP) Lesions; *Journal of Orthopaedic & Sports Medicine Physical Therapy* 35:273-291, 2005.

Book Chapters

- Tripp BL and **Moser MW**. Shoulder Injuries. In: *Athletic Training and Sports Medicine an Integrated Approach*, 5th Addition. Starkey C, Jones and Bartlett Learning: Burlington, MA, 2013. Pp. 272-351

Abstracts

- Storey TF, Freeman JD, Alvi FI, Farmer KW, **Moser MW**.
 - Posterior Oblique Ligament: A Pitfall for Posterior Horn Medial Meniscal Tears on Magnetic Resonance Imaging (MRI) of the Knee in Patients with Medial Collateral Ligament Injury? Society of Skeletal Radiology, San Diego, 2014.
 - Presented by Troy Storey.
- Dominguez J, Tillman S, Conrad B, **Moser MW**, Bishop M, Chmielewski T.
 - Effects of Plyometric Training Intensity on Symmetry of Landing Mechanics During a Drop Vertical Jump Following ACL Reconstruction. APTA Combined Sections Meeting 2014, Las Vegas, Nevada, February 2014.
 - Presented by Jose Dominguez.
- Lentz T, Zeppieri G, **Moser MW**, Farmer K, Tillman S, George S, Chmielewski T.
 - Derivation of a Prognostic Test-Item Cluster for Return to Sport Participation Status 1 Year Following ACL Reconstruction. APTA Combined Sections Meeting 2014, Las Vegas, Nevada, February 2014.
 - Presented by Trevor Lentz.
- Lentz T, Zeppieri G, **Moser MW**, Farmer K, Tillman S, George S, Chmielewski T.
 - First Year Recovery Patterns Differ Among Return to Sport Status Groups Following ACL Reconstruction. APTA Combined Sections Meeting 2014, Las Vegas, Nevada, February 2014.
 - Presented by Trevor Lentz.
- Zeppieri G, Lentz T, **Moser MW**, Zaremski JL, Chmielewski T, Barrett J, Tillman S, and Farmer KW.
 - Pre-Season Shoulder Range of Motion and Relationship to Lower Extremity Injury Throughout The Season in D1 Baseball Pitchers. *Clinical Journal of Sports Medicine*. Abstracted 2013.
- Zeppieri G, **Moser MW**, Farmer KW, George S.
 - Patient Defined Criteria for Successful, Expected, and Desired Outcomes following Outpatient Physical Therapy. APTA Combined Sections Meeting 2013, San Diego, California, January 2013.
 - Presented by Giorgio Zeppieri.
- Zeppieri Jr. G, Lentz TA, Atchison JW, Indelicato PA, **Moser MW**, Vincent KR, George SZ.
 - Preliminary Results of Patient-Defined Success Criteria for Individuals with Musculoskeletal Pain in Outpatient Physical Therapy Settings. *Archives of Physical Medicine and Rehabilitation*. Accepted.
- Lentz TA, Tillman SM, **Moser MW**, Indelicato PA, George SZ, Chmielewski TL.
 - Clinical Factors that Differ Between Return to Sport Status Groups in Patients with ACL Reconstruction. *J Orthop Sports Phys Ther* 2009; 39(1): A102.
- Dunn JC, Tillman SM, Lentz TA, Indelicato PA, **Moser MW**, Chmielewski TL.
 - What impairments in football players contribute to poor movement patterns during functional movement analysis? *Journal of Athletic Training*, 43 (3), S-136, 2008.
- Chmielewski TL, Tillman SM, Dunn JC, Lentz TA, George SZ, Indelicato PA, **Moser MW**.
 - Elevated kinesiophobia in football players is associated with altered movement during a jump-landing task. *Journal of Athletic Training*, 43 (3), S-29, 2008.
- Lentz TA, Tillman SM, **Moser MW**, Indelicato PA, George SZ, Chmielewski TL.
 - Identifying Impairments that Predict Function: A Preliminary Step in Developing Return-To-Sport Guidelines for ACL Reconstruction. *J Ortho Sports Phys Ther* 2008, 38(1): A71.
- Chmielewski TL, Day T, Tillman SM, **Moser MW**, George SZ:
 - Fear of Reinjury is a Potential Factor in Functional Outcome After Anterior Cruciate Ligament Reconstruction; *Journal Orthopaedics & Sports Medicine Physical Therapy* 37:A74, 2007.

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Presentations & Lectures

- Shoulder Instability: Clinical Reasoning Based on Current Research.
 - The Athletic Shoulder and Knee: Returning the Elite Athlete Back to the Sport. Gainesville, Florida, April, 2009.
 - Speaker.
- Problem Solving the Athletic Shoulder.
 - The Athletic Shoulder and Knee: Returning the Elite Athlete Back to the Sport. Gainesville, Florida, July, 2007.
 - Speaker.
- Surgical Dissection and Anatomical Study of the Shoulder.
 - The Athletic Shoulder and Knee: Returning the Elite Athlete Back to Sport, Orthopaedic and Sports Medicine Institute Arthroscopy Laboratory, Gainesville, Florida, April 2009.
 - Narrator.
- Surgical Dissection and Anatomical Study of the Shoulder.
 - The Athletic Shoulder and Knee: Returning the Elite Athlete Back to Sport, Orthopaedic and Sports Medicine Institute Arthroscopy Laboratory, Gainesville, Florida, July 2007.
 - Narrator.
- Treatment of Femoroacetabular Impingement. Chicago Hip Faculty Forum. Chicago, Illinois May 2015
 - Moderator
- Difficult Shoulder. Arthrex Fellows Symposium. Naples, Florida, June 2011.
 - Moderator.
- Rotator Cuff Evaluation, Repair & Rehab: Where Are We Now?
 - Physician Assistants in Orthopaedic Surgery. Orlando, Florida, October 2014.
 - Speaker.
- AC Joint Injuries: Fix it or Leave it Alone?
 - Physician Assistants in Orthopaedic Surgery. Orlando, Florida, October 2014.
 - Speaker.
- Treatment of Posterior Collateral Ligament Injuries.
 - Arthrex Fellows Symposium. Naples, Florida, June 2011.
 - Speaker
- Lower Extremity Surgical Issues for the Injured Runner.
 - The Running Medicine Clinic. Gainesville, Florida, February 11-12, 2010.
 - Speaker.
- Mechanism and Etiology of Rotator Cuff Tears in Athletes.
 - APTA Team Concepts Meeting, Orlando, Florida, December 4-6, 2008.
 - Speaker.
- Socratic Debate: Early (4-6 weeks) vs. Late (10 weeks) Strengthening following Rotator Cuff Repair.
 - APTA Team Concepts Meeting, Orlando, Florida, December 4-6, 2008.
 - Speaker.
- Anterior Instability; Non-Operative or Operative Treatment for First Time Dislocators.
 - APTA Team Concepts Meeting, Orlando, Florida, December 4-6, 2008.
 - Speaker.
- Management of Massive Rotator Cuff Tears.
 - Teton Hand Meeting, Jackson Hole, Wyoming, January 2008.
 - Speaker.
- Management of the Distal Biceps Rupture.
 - Teton Hand Meeting, Jackson Hole, Wyoming, January 2008.
 - Speaker.
- The Anatomy of the Shoulder Dissection.
 - 25th Annual Injuries in Baseball Course. Birmingham, Alabama, January 25-28, 2007.
 - Speaker.
- Evaluation of Shoulder Instability.
 - 4th Annual Teton Hand and Upper Extremity Conference, Jackson Hole, Wyoming, January 3-6, 2007.
 - Speaker.
- UCL Reconstruction.
 - 4th Annual Teton Hand and Upper Extremity Conference, Jackson Hole, Wyoming, January 3-6, 2007.
 - Speaker.
- Radiographic Evaluation of the Elbow.
 - 4th Annual Teton Hand and Upper Extremity Conference, Jackson Hole, Wyoming, January 3-6, 2007.
 - Speaker.

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Presentations & Lectures (cont.)

- Functional Anatomy of the Rotator Cuff.
 - American Physical Therapy Association Team Concepts Course, Las Vegas, Nevada, December 2004.
 - Speaker.
- Diagnosis and Physical Exam of the Rotator Cuff.
 - American Physical Therapy Association Team Concepts Course, Las Vegas, Nevada, December 2004.
 - Speaker.
- Diagnosis and Physical Exam of the Rotator Cuff.
 - American Physical Therapy Association Team Concepts Course, Las Vegas, Nevada, December 2004.
 - Speaker.
- Socratic Debate: Open Versus Closed Rotator Cuff Repair.
 - American Physical Therapy Association Team Concepts Course, Las Vegas, Nevada, December 2004.
 - Speaker.
- Evaluation and Treatment of Medial Sided Elbow Pathology in Overhead Athletes.
 - 9th Annual Notre Dame Orthopedic Symposium, South Bend, Indiana, October 2004.
 - Speaker.
- Pre-season Shoulder Range of Motion and Relationship to Lower Extremity Injury throughout the season in Division I Baseball Pitchers.
 - American Medical Society for Sports Medicine, San Diego, CA, April 2013.
 - Presented by Dr. Jason Zaremski.
- Activity Following ACL Reconstruction: What Do Patients Fear?
 - American Physical Therapy Association Combined Sections Meeting, Chicago, IL, February 2012.
 - Presented by Trevor Lentz.
- Effect of Plyometric Exercise Intensity on Knee Function and Articular Cartilage Biomarkers in Patients with ACL Reconstruction.
 - American Physical Therapy Association Combined Sections Meeting, Chicago, IL, February 2012.
 - Presented by Stephen George.
- Psychosocial factors following ACL reconstruction: Do they contribute to knee impairments?
 - American Physical Therapy Association Combined Sections Meeting, Chicago, IL, February 2012.
 - Presented by Trevor Lentz.
- Comparison of quadriceps strength and voluntary activation between limbs after traumatic meniscal tear.
 - American Physical Therapy Association Combined Sections Meeting. New Orleans, Louisiana, February 2011.
 - Presented by Terri Chmielewski
- Patient Defined Success Criteria in Outpatient Physical Therapy Settings.
 - American Physical Therapy Association Combined Sections Meeting, New Orleans, Louisiana, February 2011.
 - Presented by Stephen George.
- Evaluation of a Model-Based Gait Retraining Method for Knee Osteoarthritis Rehabilitation.
 - Gait and Clinical Movement Analysis Society Conference, Bethesda, Maryland, April 2011.
 - Presented by Dr. BJ Fregly.
- Fear of Re-injury/Low Confidence 1 Year after ACL Reconstruction: High Prevalence and Altered Self-ratings.
 - 2011 APTA Combined Sports Medicine Meeting, New Orleans, Louisiana, February 2011.
 - Presented by Trevor Lentz.
- Scapular Movement in Asymptomatic Shoulder – In Vivo Kinematic Analysis of the Shoulder Using Model-Based 3D-to-2D Registration.
 - 54th Annual Meeting of the Orthopaedic Research Society, San Francisco, California, March 2-5, 2008.
 - Presented by Dr. Scott Banks.
- Determination of In-Vivo Acromiohumeral Interval during Loaded and Unloaded Arm Evaluation.
 - 54th Annual Meeting of the Orthopaedic Research Society, San Francisco, California, March 2-5, 2008.
 - Presented by Dr. Scott Banks.
- The Glenoid Bare Spot: An Ontologic Hypothesis Based on Measured In vivo Glenohumeral Translations.
 - 54th Annual Meeting of the Orthopaedic Research Society, San Francisco, California, March 2008.
 - Presented by Dr. Scott Banks.
- Three-dimensional Stability of Rotational Axes in ACL-Reconstructed Knees during Daily Activities.
 - 54th Annual Meeting of the Orthopaedic Research Society, San Francisco, California, March 2008.
 - Presented by Nigel Zheng.
- 3D Joint Loading of ACL Deficient and Reconstructed Knees during Daily Activities.
 - 54th Annual Meeting of the Orthopaedic Research Society, San Francisco, California, March 2008.
 - Presented by Nigel Zheng.
- Identifying Impairments that Predict Function: A Preliminary Step in Developing Return-To-Play Guideline for ACL Reconstruction.
 - CSM, Nashville, Tennessee, February 2008.
 - Presented by Trevor Lentz.

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Presentations & Lectures (cont.)

- Biopsychosocial Fracture's Influence on Shoulder Pain.
 - Annual American Association Orthopaedic Society, San Francisco, California, March 2008.
 - Presenter.
- 3-D Joint Motion of ACL Deficit and Reconstructed Knees during Daily Activities.
 - The American Society of Biomechanics Annual Meeting, Stanford, California, August 2007.
 - Presented by Dr. Nigel Zheng.
- Three dimensional knee joint motion of ACL deficit and reconstructed knees.
 - Orthopaedic Research Society 53rd Annual Meeting, San Diego, California, February 2007.
 - Presented by Dr. Nigel Zheng.
- Determination of In-Vivo Glenohumeral Translation During Loaded and Unloaded Arm Evaluation.
 - 53rd Annual Meeting of the Orthopaedic Research Society, San Diego, CA, February 11-14, 2007.
 - Presented by Dr. Scott Banks.
- The influence of Hand-Held Weight on the Scapulohumeral Rhythm.
 - 53rd Annual Meeting of the Orthopaedic Research Society, San Diego, CA, February 11-14, 2007.
 - Presented by Dr. Scott Banks.
- Zeppieri G, Davis K, Moser MW, Farmer KW, George S. The Relationship Between Psychosocial Risk Factors And Playing Time Lost Due To Musculoskeletal Dysfunction In College Softball Athletes: A Pilot Study.
 - Sports Physical Therapy: Biomechanics for CSM 2017 in San Antonio, TX
- Zaremski JL, McClelland JI, Vincent HK, Vincent KR, Herman DC, Smith MS, Prine BR, Farmer KW, Moser MW, Horodyski MB. Sports-Related Elbow Ulnar Collateral Ligament Injury in the 21st Century.
 - Br J Sports Med 2017;51:4 412. doi:10.1136/bjsports-2016-097372.324.
- Storey TF, Freeman JD, Alvi FI, Farmer KW, Moser MW. Posterior Oblique Ligament: A Pitfall for Posterior Horn Medial Meniscal Tears on Magnetic Resonance Imaging (MRI) of the Knee in Patients with Medial Collateral Ligament Injury?
 - Society of Skeletal Radiology, San Diego, 2014.
 - Presented by Troy Storey.
- Lentz TA, George SZ, Zeppieri G, Moser MW, Farmer KW, Tillman SM, Chmielewski TL. Pain Intensity, Pain Catastrophizing, Kinesiophobia and Self-Reported Function in the First Year Following ACL Reconstruction.
 - American Pain Society Annual Meeting. April 30-May 1 2014. Tampa, Florida.
- Dominguez J, Tillman S, Conrad B, Moser M, Bishop M, Chmielewski T. Effects of Plyometric Training Intensity on Symmetry of Landing Mechanics During a Drop Vertical Jump Following ACL Reconstruction.
 - APTA Combined Sections Meeting 2014, Las Vegas, Nevada, February 2014.
 - Presented by Jose Dominguez.
- Lentz T, Zeppieri G, Moser M, Farmer K, Tillman S, George S, Chmielewski T. Derivation of a Prognostic Test-Item Cluster for Return to Sport Participation Status 1 Year Following ACL Reconstruction.
 - APTA Combined Sections Meeting 2014, Las Vegas, Nevada, February 2014.
 - Presented by Trevor Lentz.
- Lentz T, Zeppieri G, Moser M, Farmer K, Tillman S, George S, Chmielewski T. First Year Recovery Patterns Differ Among Return to Sport Status Groups Following ACL Reconstruction.
 - APTA Combined Sections Meeting 2014, Las Vegas, Nevada, February 2014.
 - Presented by Trevor Lentz.
- Changes in Lower Extremity Biomechanics During Single-Limb Forward Land Following Concussion in Collegiate Football Players.
 - National Athletic Trainers Association, Las Vegas, NV, June 2013.
 - Presented by Dominique DuBose.
- Zaremski J, Farmer KW, Moser MW, Zeppieri G, Lentz TA, Chmielewski T, Barrett J. Adaptions of Hip Range of Motion and Relationship to Workload in Division I Collegiate Baseball Pitchers.
 - American Medical Society for Sports Medicine 22nd Annual Meeting. April 17- 21, 2013. San Diego, CA.
- Zeppieri G, Lentz T, Moser M, Zaremski JL, Chmielewski T, Barrett J, Tillman S, Farmer K. Pre-season Shoulder Range of Motion and Relationship to Lower Extremity Injury throughout the season in Division I Baseball Pitchers.
 - AMSSM 22nd Annual Meeting. April 17-21, 2013. San Diego, CA.
- Zeppieri G, Moser MW, Farmer KW, George S. Patient Defined Criteria for Successful, Expected, and Desired Outcomes following Outpatient Physical Therapy.
 - APTA Combined Sections Meeting 2013, San Diego, California, January 2013.
 - Presented by Giorgio Zeppieri.
- Association of Psychosocial Factors and Knee Pain with Knee Function from Pre to Post Meniscectomy. A
 - PTA Combined Sections Meeting 2013, San Diego, California, January 2013.
 - Presented by Chao-Jung Hsieh.
- Chmielewski TL, Trumble TN, Joseph AM, Shuster J, Indelicato PA, Moser MW, Cicuttini FM, Leeuwenburgh C. Urinary CTX-II concentrations are elevated and associated with knee pain and function in subjects with ACL reconstruction.
 - Osteoarthritis Cartilage. 2012 Nov

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Presentations & Lectures (cont.)

- Development of a Clinical Prediction Rule for Return to Sport Status One Year following Anterior Cruciate Ligament Reconstruction.
 - American Orthopaedic Surgeon Sports Medicine, Providence, Rhode Island, July 2010.
 - Presented by Trevor Lentz.
- Tibial fixation of bone-patella tendon-bone grafts in ACL reconstruction by bovine screws tested using simulated gait-a cadaver study.
 - Orthopaedic Research Society 53rd Annual Meeting, San Diego, California, February 2007.
 - Presented by Dr. Nigel Zheng.
- Evidence for biopsychosocial influence on shoulder pain.
 - 26th Annual Scientific Meeting of the American Pain Society, Washington, DC, May 2-5, 2007.
 - Presented by Dr. Steven George.
- Treatment of Elbow Pathology in Throwing Athletes.
 - Florida Orthopaedic Society Meeting, Orlando, Florida, May 18-20, 2007.
 - Speaker.
- Portal Placement and Diagnostic Hip Arthroscopy.
 - Naples Hip Arthroscopy Course, Naples, FL, January 2017.
 - Speaker.
- Fundamentals of Hip Arthroscopy.
 - Naples Sea Pearl Hip Lab, Naples, FL, January 2017.
 - Speaker.
- Surgical Treatment of Rotator Cuff Tears.
 - Naples Physician Assistant Course, Naples, FL, May 2016.
 - Speaker.
- Modern Techniques of ACL Reconstruction.
 - Naples Physician Assistant Course, Naples, FL, May 2016.
 - Speaker.
- Treatment of Anterior Shoulder Instability.
 - Naples Physician Assistant Course, Naples, FL, November 2015.
 - Speaker.
- Current Treatment of PCL Injuries.
 - Naples Physician Assistant Course, Naples, FL, November 2015.
 - Speaker.
- Treatment of Multi-Ligament Knee Injuries.
 - Naples Sports Medicine Fellow Forum, Naples, FL, June 2015.
 - Speaker.
- Current Trends in Rotator Cuff Repair.
 - Naples Physician Assistant Course, Naples, FL, April 2015.
 - Speaker.
- Current Trends in ACL Reconstruction.
 - Naples Physician Assistant Course, Naples, FL, April 2015.
 - Speaker.
- Treatment of Hip Labral Tears.
 - Naples Hip Arthroscopy, Naples, FL, January 2015.
 - Speaker.
- Surgical Treatment of Shoulder Instability.
 - Naples Physician Assistant Course, Naples, FL, November 2014.
 - Speaker.
- Hip Assessment and Surgical Management.
 - Athletic Trainer's Association of Florida Annual Meeting, Orlando, Florida, July 2014.
 - Speaker.
- Diagnostic Hip Arthroscopy and Partial Placement.
 - Naples Hip Arthroscopy, Naples, FL, June 2014.
 - Speaker.
- Multiligament Injuries.
 - 5th Annual Sports Medicine Fellowship Completion Forum. Arthrex, Inc., Naples, Florida, May 2014.
 - Speaker.
- Current Trends in Hip Labral Repair.
 - Naples Hip Lab, Naples, FL, May 2014.
 - Speaker.

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Presentations & Lectures (cont.)

- Surgical Treatment of Rotator Cuff Repair.
 - Naples Physician Assistant Course, Naples, FL, January 2014.
 - Speaker.
- Treatment of Femoroacetabular Impingement.
 - Naples Hip Arthroscopy Course, Naples, FL, October 2013.
 - Speaker.
- Treatment of Femoroacetabular Impingement.
 - Naples Hip Arthroscopy Course, Naples, FL, September 2013.
 - Speaker.
- Diagnosing and Treating Hip Labral Tears.
 - Naples Hip Arthroscopy Course, Naples, FL, August 2013.
 - Speaker.
- Diagnostic Hip Arthroscopy.
 - Naples Hip Arthroscopy Course, Naples, FL, April 2013.
 - Speaker.
- Update on Allograft Use in Knee Ligament Reconstruction.
 - Southern At The SEC. Nashville, TN, March 2013.
 - Speaker.
- Treatment of Femoroacetabular Impingement.
 - Naples Hip Arthroscopy Course, Naples, FL, January 2013.
 - Speaker.
- Diagnostic Hip Arthroscopy and Labral Repair.
 - Naples Hip Arthroscopy Course, Naples, FL, September 2012.
 - Speaker.
- Treatment of Hip Labral Tears.
 - Naples Hip Arthroscopy Course, Naples, FL, April 2012.
 - Speaker.
- Diagnostic Hip Arthroscopy and Partial Placement.
 - Naples Hip Arthroscopy, Naples, FL, February 2012.
 - Speaker.
- Management of Anterior Shoulder Instability.
 - Southeast Shoulder Surgeons Symposium, Naples, Florida, May 2009.
 - Speaker.
- Treatment of Superior/Posterior Labral Tears.
 - SEC Physicians' Annual Meeting, Tampa, Florida, March 2009.
 - Speaker.
- Treatment of Lower Extremity Injuries in Running Athletes.
 - Gainesville Sports Organizing Committee Five Points of Life Marathon Conference, Gainesville, FL, February 2006.
 - Presentation.
- Treatment of the Throwing Athlete's Shoulder and Elbow.
 - University of Florida and Shands Baseball Seminar, Gainesville, FL, January 2006.
 - Presentation.
- Rotator Cuff Repair.
 - University of Florida, Graduate Athletic Training Program, Gainesville, Florida, September 23, 2014.
 - Lecture.
- Anatomical and Surgical Considerations of the Shoulder.
 - University of Florida, Gainesville, Florida, July 2014.
 - Lecture
- Treatment of Hip Injuries.
 - University of Florida, Athletic Training Students. Gainesville, Florida, April 2011.
 - Presentation
- Orthopaedic Question & Answer Session.
 - University of Florida, Orthopaedic Interest Group, Gainesville, Florida, April 28, 2009.
- Common ACL Surgery Techniques.
 - University of Florida, Athletic Training Program, Gainesville, Florida, February 27, 2007.
 - Presentation.
- Treatment of Knee Osteoarthritis in the Young Patient.
 - Pfizer Round Table, Gainesville, Florida, March 2006.
 - Presentation.

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Presentations & Lectures (cont.)

- Understanding and treating rotator cuff disorders.
 - Oak Hammock Conference, Gainesville, Florida, March 2006.
 - Presentation.
- History and Physical of Knee Injuries.
 - University of Florida, Gainesville, Florida, January 2006.
 - Lecture.
- Evaluation of Acute Upper Extremity Injuries.
 - University of Florida, Gainesville, Florida, September 2005.
 - Lecture.
- The Athletic Shoulder Returning to Sports.
 - The Athletic Shoulder and Knee Seminar, Gainesville, Florida, August 2005.
 - Speaker.
- Management of Shoulder Instability in Athletes.
 - University of Florida, Gainesville, Florida, March 2005.
 - Lecture.
- General Principles of the Orthopaedic History and Physical Exam.
 - University of Florida, Gainesville, Florida, January 2005.
 - Lecture.
- Treatment of Shoulder Instability in Athletes.
 - University of Florida, Gainesville, Florida, November 2004.
 - Lecture.
- Evaluation and Management of On-Field Neck Injuries.
 - University of Florida, Gainesville, Florida, September 2004.
 - Lecture.
- Evaluation of Acute Upper Extremity Injuries.
 - University of Florida, Gainesville, Florida, September 2004.
 - Lecture.

Lab Instructor

- Lab Tutor for Pediatric ACL Reconstruction.
 - Naples January SDL Faculty Support, Naples, FL, January 2017.
- Lab Instructor for Knee/Shoulder Procedures.
 - Naples Physician Assistant Course, Naples, FL, June 2016.
- Lab Instructor: All Reconstruction and Shoulder Instability.
 - Sports Medicine Fellowship Forum, Naples, FL, June 2016.
- Lab Instructor of Shoulder and Knee Procedures.
 - Naples Sports Medicine Fellows, Naples, FL, May 2014
- Lab Instructor: Basic Shoulder and Knee Arthroscopy.
 - Naples Sports Medicine Fellowship Forum, Naples, FL, June 2012.
- Lab Instructor: All Reconstruction and Shoulder Labral Repair. Knee & Shoulder Lab –
 - UF Surgical Skills Lab, FL, February 2012.
- Lab Instructor on ACL Surgical Techniques.
 - Team1 ACL Reconstruction, Gainesville, FL, June 2014.
- Lab Instructor: Shoulder Labral Tears.
 - Shoulder Lab at Gainesville Lab, Gainesville, FL, January 2013.

International Presentations & Lectures

- Concurrent SessionB: Scientific Session – Elbow and Throwing Elbow.
 - American Orthopaedic Society for Sports Medicine. Baltimore, Maryland, July 2012.
 - Moderator.
- The Throwing Shoulder Diagnosis and Treatment.
 - American Orthopaedic Society for Sports Medicine Traveling Fellowship Program, Oslo, Norway, May 2006.
 - Speaker.
- Overview of the Thrower's Shoulder: Theory, Thoughts, and Treatment.
 - American Orthopaedic Society for Sports Medicine Traveling Fellowship Program, Oslo, Norway, May 2006.
 - Speaker.
- The Throwing Shoulder Diagnosis and Treatment.
 - American Orthopaedic Society for Sports Medicine Traveling Fellowship Program, London, England, May 2006.
 - Speaker.

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International Presentations & Lectures (cont)

- Treating Elbow Pathology in the Overhead Athlete.
 - American Orthopaedic Society for Sports Medicine Traveling Fellowship Program, Sint Maartenskliniek, Nijmegen, Holland, May 2006.
 - Speaker.
- The Throwing Shoulder Diagnosis and Treatment.
 - American Orthopaedic Society for Sports Medicine Traveling Fellowship Program, Amsterdam, Holland, May 2006.
 - Speaker.
- Valgus Extension Overload in the Overhead Athlete.
 - American Orthopaedic Society for Sports Medicine Traveling Fellowship Program, Aalst, Belgium, May 2006.
 - Speaker.
- The Throwing Shoulder Diagnosis and Treatment.
 - American Orthopaedic Society for Sports Medicine Traveling Fellowship Program, Lyon, France, May 2006.
 - Speaker.
- Treating Elbow Pathology in the Overhead Athlete.
 - American Orthopaedic Society for Sports Medicine Traveling Fellowship Program, Geneva, Switzerland, May 2006.
 - Speaker.
- The Throwing Shoulder Diagnosis and Treatment.
 - American Orthopaedic Society for Sports Medicine Traveling Fellowship Program, Milan, Italy, May 2006.
 - Speaker.
- Valgus Extension Overload in the Overhead Athlete.
 - Magellan Society Meeting, Kitzbuhel, Austria, May 2006.
 - Speaker.
- Standart Izonkinetik Degerlendirme 30° Diz Fleksiyonundaki Degerleri Yansitir Mi?
 - Ulusal Spor Hekimligi Kongresi, Antalya, Turkey, August 2007.
 - Presented by Dr. MaryBeth Horodyski. (Translation: Reassessing Standard Isokinetic Evaluation of the Knee at 30° Flexion)
- ACL Rekonstruksiyonu Yapilmis Hastalarin Izokinetik Degerlendirmesi: Kuadriseps Kuvvetlendirme Egzersizlerini Unuttuk Mu?
 - Ulusal Spor Hekimligi Kongresi, Antalya, Turkey, August 2007.
 - Presented by Dr. MaryBeth Horodyski (Translation: Isokinetic evaluation for the ACL reconstructed patient: Did we forget strengthening exercises for the Quadriceps?)
- Bilateral differences of 3-D motion in ACL deficit and ACL reconstructed knees.
 - The International Society of Biomechanics XXI Congress, Taipei, Taiwan, July 2007.
 - Presented by Dr. Nigel Zheng.
- Three Dimensional Knee Joint Motion of ACL Deficit and Reconstructed Knees during Daily Activities.
 - The WACBE 2007 World Congress on Bioengineering, Bangkok, Thailand, July 2007.
 - Presented by Dr. Nigel Zheng.
- Rotational laxity of ACL deficit and reconstructed knees.
 - International Symposium on Ligament and Tendons VII, San Diego, California, February 2007.
 - Presented by Dr. Nigel Zheng.
- Determination of In-Vivo Glenohumeral Translation during Loaded and Unloaded Arm Elevation.
 - Japan Shoulder Society Meeting, Tokyo, Japan, September 29-30, 2006.
 - Presented by Dr. Nishinaka.

International Papers

- Age differences in experimental pain sensitivity for pre-operative shoulder patients.
 - IASP World Congress, Milan, Italy, August 2012. Submitted
- Biopsychosocial influence on shoulder pain: preliminary findings from a post-operative cohort.
 - IASP World Congress, Milan, Italy, August 2012. Submitted.

Editorial

- Reviewer, American Journal Sports Medicine 2009-2014
- American Association Orthopaedic Surgeons NOW Editorial Advisory Board 2007-2010

International Activities

- American Orthopaedic Society for Sports Medicine Traveling Fellowship Program –
 - Orthopaedic Surgeons are selected through a competitive application process to join two other Orthopaedic Surgeons to participate in a program emphasizing early career orthopaedic surgeons.

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Memberships & Activities

- (2008-Present) American College of Surgeons, Fellow
- (2006-Present) Magellan Society (AOSSM Traveling Fellow Society)
- (2004-Present) Alachua County Medical Society
- (2003-Present) Florida Orthopaedic Society
- (2002-Present) American Academy of Orthopaedic Surgeons, Fellow
- (2002-Present) American Orthopaedic Society for Sports Medicine, Fellow
- (2002-Present) Arthroscopy Association of North America, Fellow
- (2010-2013) Chair, By Laws Committee, American Orthopaedic Society for Sports Medicine
- (2006-2013) By Laws Committee, American Orthopaedic Society for Sports Medicine
- (2008-2011) Council of Delegates, American Orthopaedic Society for Sports Medicine
- (2006-2011) Enduring Education Committee, American Orthopaedic Society for Sports Medicine
- (2008-Present) Faculty, Department of Orthopaedics Shoulder and Elbow Fellowship
- (2008-Present) Faculty, Primary Care Sports Medicine Fellowship
- (2006-Present) University of Florida, Department of Orthopaedic Surgery and Rehabilitation Residency Selection Committee
- (2004-Present) University of Florida Athletic Association Medical Advisory Committee
- (2004-Present) Director, University of Florida Athletic Training Program Grand Rounds
- (2004-Present) Medical Director, University of Florida Athletic Training Programs
- (2004-Present) Co-Director, University of Florida Sports Medicine Journal Club
- (2004-Present) Medical Director, University of Florida Athletic Training Sports Medicine Outreach Program
- (2004-Present) Medical Director, Alachua County High School Activities
- (2004-2009) Sports Medicine Advisory Committee, Florida High School Athletic Association

Patents & Copyrights Pending

- Shoulder labral anchor delivery system. US Provisional Application # 60/883,633, January 5, 2007.

Legal Work

- Brown vs Baker MD, representing Baker
- Reed vs Guttentag MD, representing Guttentag
- Foody vs The Pep Boys, representing Foody

Outside Consultation

- (2008-2018) Arthrex, INC
- (2005-2007) Regeneration Technologies