

# CURRICULUM VITAE

**Jonathan Chen Chiang Sum**

**May 5, 2026**

## **I. BIOGRAPHICAL INFORMATION**

### PERSONAL INFORMATION:

University Office: Ostrow School of Dentistry

Address: Division of Biokinesiology and Physical Therapy

1540 E. Alcazar Street, CHP 155

Los Angeles, California 90089-9006

Office: (323) 442-7388

Fax: (323) 442-1515

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Faculty Profile URL: <https://pt.usc.edu/faculty/jonathan-sum-pt-dpt-ocs-scs/>

Division URL: <http://pt.usc.edu/>

Clinic Address: USC Physical Therapy - HSC

1640 Marengo Street, ste. 102

Los Angeles, California 90033

Office: (323) 865-1200

Fax: (323) 865-1258

Clinical Services URL: <https://pt.usc.edu/patient-care/>

### UNIVERSITY EDUCATION:

2002-05      Doctor of Physical Therapy  
Division of Biokinesiology and Physical Therapy  
University of Southern California, Los Angeles, California

1997-2001    Bachelors of Science, Kinesiology  
Dornsife College of Letters, Arts, and Sciences  
University of Southern California, Los Angeles, California

### OTHER PREVIOUS EMPLOYMENT:

8/07-12/07    Staff Physical Therapist  
Fortanasce & Associates Physical Therapy  
Arcadia, California

6/05-2/06 Staff Physical Therapist  
Physiotherapy Associates Scottsdale Sports Clinic  
Scottsdale, Arizona

BOARD CERTIFICATION AND/OR LICENSURE:

Specialty Certification:

8/10-present Board Certified Clinical Specialist, Sports Physical Therapy  
Re-Certified, 2020  
American Board of Physical Therapy Specialties  
American Physical Therapy Association

8/08-present Board Certified Clinical Specialist, Orthopedic Physical Therapy  
Re-Certified, 2018  
American Board of Physical Therapy Specialties  
American Physical Therapy Association

10/24-present Emergency Response for Athletes Certification  
Division of Biokinesiology and Physical Therapy  
University of Southern California

2002-present Basic Life Support for Healthcare Worker and CPR/AED Certification  
American Heart Association

10/22-10/24 Emergency Response for Athletes Certification  
Cogent Steps, LLC

10/19-present Personalized Blood Flow Restriction Certification  
Owens Recovery Science

1/10-present APTA Credentialed Clinical Instructor  
American Physical Therapy Association

12/09-10/22 Emergency Medical Response Certification  
American Red Cross

2003-2014 Certified Strength and Conditioning Specialist  
National Strength and Conditioning Association

State Licensure:

3/06-present Physical Therapist, PT 32686  
Physical Therapy Board of California

5/05-8/06 Physical Therapist, #6854  
Arizona State Board of Physical Therapy

ACADEMIC APPOINTMENTS:

- 5/21-present Associate Professor of Clinical Physical Therapy  
Division of Biokinesiology and Physical Therapy  
University of Southern California  
Los Angeles, California
- 3/13-5/21 Assistant Professor of Clinical Physical Therapy  
Division of Biokinesiology and Physical Therapy  
University of Southern California  
Los Angeles, California
- 2/06-3/13 Instructor of Clinical Physical Therapy  
Division of Biokinesiology and Physical Therapy  
University of Southern California  
Los Angeles, California

AFFILIATION APPOINTMENTS:

- 2/06-present Keck Medicine of USC Credential Provider, Physical Therapist

CONSULTANTSHIPS:

- 2022-present Rehabilitation Health/Rehab Prescribed  
Development Team Member
- 2019 Theragun LLC  
Provider Referral Network Member
- 2016-19 B1 Baseball Academy  
Consultant
- 2015 Hygieia Medical Equipment LLC  
Advisory Board Member
- 2007 G2 Fitness  
Consultant

HONORS, AWARDS, FELLOWSHIPS:

- 2025 Clinician Non-Research Publication Award  
[Rehabilitation of Rotator Cuff Disorders: American Academy of Orthopedic Surgeons, Nov 2022](#)  
California Physical Therapy Association

- 2025 Lynn Wallace Award for Excellence in Clinical Education and Professional Development  
American Academy of Sports Physical Therapy  
American Physical Therapy Association
- 2024 USC Excellence in Mentoring Award for Faculty Mentoring Graduate Students  
Center for Excellence in Teaching  
University of Southern California
- 2023 Fellow  
American Society of Shoulder and Elbow Therapists
- 2018 Founders' Award  
American Society of Shoulder and Elbow Therapists
- 2011-12 Evidence Based Practice Fellowship  
Division of Biokinesiology and Physical Therapy  
University of Southern California, Los Angeles, California
- 2005 Outstanding Physical Therapy Student Award  
APTA Orthopaedic  
American Physical Therapy Association
- 2005 Minority Scholarship Award for Academic Excellence  
American Physical Therapy Association
- 2005 Order of the Golden Cane Award:  
Outstanding accomplishments in academic coursework, clinical practice,  
and scientific research  
Division of Biokinesiology and Physical Therapy  
University of Southern California

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS:

- 2023-present International Confederation of Scientific Societies for Shoulder and Elbow Therapy (ICSSSET)
- 2021-present American Baseball Biomechanics Society (ABBS)
- 2018-present European Society for Shoulder and Elbow Rehabilitation (EUSSEER)
- 2010-present American Society of Shoulder and Elbow Therapists (ASSET)
- 2002-present American Physical Therapy Association (APTA)

San Gabriel Valley District, California Chapter (CPTA)  
APTA Orthopaedic (AOPT)  
American Academy of Sports Physical Therapy (AASPT)  
Shoulder Special Interest Group

2003-04, 2011 American Academy of Orthopedic Manual Physical Therapists  
(AAOMPT)

2004-11 National Strength and Conditioning Association (NSCA)

2007-08 Performing Arts Medical Association (PAMA)

## **II. ADMINISTRATIVE AND SERVICE ACTIVITIES**

### ADMINISTRATIVE APPOINTMENTS:

7/19-present Director  
USC Physical Therapy Upper Extremity Athlete Fellowship\*  
2022-present: San Diego Padres  
2019-20: Los Angeles Angels  
Division of Biokinesiology and Physical Therapy  
University of Southern California  
Los Angeles, California  
\*Accreditation from ABPTRFE granted in May 2023

1/10-5/20 Clinic Director  
USC Physical Therapy - HSC  
Los Angeles, California

11/09-8/10 Interim Center Coordinator for Clinical Education  
USC Physical Therapy - HSC  
Los Angeles, California

8/07-1/10 Volunteer Internship Program Coordinator  
USC Physical Therapy - HSC  
Los Angeles, California

### UNIVERSITY SERVICE:

Division:

10/25-present Chair, Faculty Affairs Committee, Appointed  
10/24-present Faculty Affairs Committee, Elected  
Division of Biokinesiology and Physical Therapy  
University of Southern California

- 8/25-present RTPC Appointments and Promotions Committee, Appointed  
Division of Biokinesiology and Physical Therapy  
University of Southern California
- 8/25-present Awards Committee Member, Appointed  
Division of Biokinesiology and Physical Therapy  
University of Southern California
- 10/19-present Post Professional Physical Therapy Education Council  
Division of Biokinesiology and Physical Therapy  
University of Southern California
- 7/20-3/26 Faculty Advisor  
Asian Pacific Islander Student Affinity Group (APSAG)  
Division of Biokinesiology and Physical Therapy  
University of Southern California
- 8/20-7/25 DARIC Student Support Subcommittee Member  
Diversity, Anti-Racism, Inclusion, and Community Engagement  
Division of Biokinesiology and Physical Therapy  
University of Southern California
- 6/20-6/24 DPT Hybrid Development Committee  
Division of Biokinesiology and Physical Therapy  
University of Southern California
- 4/21-8/21 Equity, Diversity, Inclusion Curriculum Task Force  
Division of Biokinesiology and Physical Therapy  
University of Southern California
- 1/18-5/20 Division Level Management Team  
Division of Biokinesiology and Physical Therapy  
University of Southern California
- 1/12-5/20 Clinical Services Management Team  
Division of Biokinesiology and Physical Therapy  
University of Southern California
- 2012-14 Grateful Patient Program Steering Committee  
Division of Biokinesiology and Physical Therapy  
University of Southern California
- 8/06-9/14 Faculty Advisor, Gamma Epsilon Omega Fraternity  
Department of Student Affairs, Office of Greek Life  
University of Southern California
- 2004 Physical Therapy Multicultural Leadership Alliance

Division of Biokinesiology and Physical Therapy  
University of Southern California

University:

- 2/25-2/26 USC Mentoring Awards Selection Committee, Appointed  
USC Mentoring Awards  
Center for Excellence in Teaching  
Office of the Vice Provost and Faculty Affairs  
University of Southern California
- 10/21-present Keck APIFSA Member  
Keck Asian Pacific Islander Faculty and Staff Association  
University of Southern California
- 10/21-10/23 APIFSA Communications Committee Member  
Asian Pacific Islander Faculty and Staff Association  
University of Southern California

EDITORIAL ACTIVITIES:

Scientific Review for Journal:

- 2026 Journal of Shoulder and Elbow Surgery (2)  
2026 Journal of Orthopedic and Sports Physical Therapy (1)  
2025 Journal of Shoulder and Elbow Surgery (2)  
2024 Sports Health (1)  
2024 Journal of Sport Rehabilitation (1)  
2023 Journal of Shoulder and Elbow Surgery (3)  
2023 International Journal of Sports Physical Therapy (1)  
2023 Journal of Sport Rehabilitation (1)  
2022 International Journal of Sports Physical Therapy (1)  
2021 Journal of Sport Rehabilitation (1)  
2021 Journal of Shoulder and Elbow Surgery (1)  
2021 International Journal of Sports Physical Therapy (1)  
2020 Journal of Shoulder and Elbow Surgery (2)  
2016 International Journal of Sports Physical Therapy (1)  
2012 Journal of Orthopedic and Sports Physical Therapy (1)  
2011 Journal of Orthopedic and Sports Physical Therapy (1)

SERVICE TO PROFESSIONAL ORGANIZATIONS:

International Confederation of Scientific Societies for Shoulder and Elbow Therapy  
(ICSSET)

- 11/25-present Manager, Abstracts Submission and Reviews  
Scientific Committee Member  
8th International Congress on Shoulder and Elbow Therapy

2026 ICSET, Vancouver, British Columbia, Canada

International Superior Capsule Reconstruction Association (ISCRA)

11/25-present Member, PT Resource Group for USA

American Society of Shoulder and Elbow Therapists (ASSET)

10/23 Scientific Program Co-Chair  
Panel Moderator, ASES Surgeon Panel  
2023 ASSET Annual Meeting, Scottsdale, AZ

10/22-10/23 Past-President, Elected

10/21-10/22 President, Elected

10/20-11/21 President-Elect, Elected

10/20-11/21 Chair, Membership Committee, Elected

10/20-11/21 Chair, Bylaws Committee, Elected

10/16-10/20 Chair, Development Committee, Appointed

10/17-10/18 Secretary/Treasurer, Elected

10/16-10/17 Secretary/Treasurer-Elect, Elected

10/14-10/16 Member-At-Large, Elected  
Membership Committee Member

10/13-10/17 Research Committee Member, Appointed  
Evidence-Based Practice Subsection Member, Appointed

American Physical Therapy Association (APTA)

National:

10/22-present Upper Extremity Athlete Fellowship Re-Validation  
Committee  
American Board of Physical Therapy Residency and  
Fellowship Education

2002-04 APTA Student Liaison  
Student Assembly

2002-04 Student APTA Class Representative  
Division of Biokinesiology and Physical Therapy  
University of Southern California

2003 Student Delegate Representative  
Greater Los Angeles District, California Chapter

State:

7/09-7/10 Assembly Representative, Elected  
San Gabriel Valley District, California Chapter

Local:

7/08-7/10 Continuing Education Committee, Appointed  
San Gabriel Valley District, California Chapter

7/07-7/09 Nominating Committee, Elected  
San Gabriel Valley District, California Chapter

Upper Extremity Athlete Fellowship Collaborative  
10/22-present Founding Member and Co-Coordinator

OTHER SERVICE ACTIVITIES (CAN INCLUDE COMMUNITY EDUCATION):

- 2025 ActivBody In-Kind Donation to Division (20 ActivForce Hand Held Dynamometer Systems)  
Total Donation Amount: \$9000
- 3/1/25 Asian Pacific Health Corps at UCLA: Rosemead Community Health Fair  
Balance/Gait Assessments  
Faculty Advisor/Coordinator: Asian Pacific Islander Student Affinity Group  
Rosemead, California
- 11/9/24 Chinatown Service Center: Annual Health Fair  
Balance/Gait Assessments  
Liaison/Coordinator: Asian Pacific Islander Student Affinity Group  
Chinatown Service Center  
Los Angeles, California
- 3/24-present San Diego Padres Baseball Club  
Cactus League Spring Training Physicals  
Major League Baseball  
Peoria, Arizona
- 2022 Therabody, Inc In-Kind Donation to Division (1000 Theragun Elite Devices)  
Total Donation Amount: \$400,000
- 7/21-7/23 Impact Players Screening Program  
PFA Baseball  
Upland, California
- 2012-22 East Los Angeles College Athletic Department  
Pre-Participation Physicals  
Monterey Park, California
- 3/10-3/20 Los Angeles Angels Baseball Club  
Cactus League Spring Training Physicals  
Major League Baseball  
Tempe, Arizona
- 2014-16 San Marino High School Baseball Screening Program

San Marino, California

ADMINISTRATIVE OR SERVICE AWARDS, HONORS, COMMENDATIONS:

- 2026 City of Arcadia  
Mayor's Certificate of Commendation  
Head Coach  
2025 Santa Anita Little League 13U Intermediate All Star Team  
Section 2 Champions, Advancing to State Tournament
- 2005 Kathleen Bice Award:  
Service to the profession of physical therapy  
Division of Biokinesiology and Physical Therapy  
University of Southern California
- 2004 Helen J. Hislop Award:  
Support in vision and excellence in physical therapy  
Division of Biokinesiology and Physical Therapy  
University of Southern California

**III. SCHOLARLY ACTIVITIES**

PUBLICATIONS

Published Papers in Peer-Reviewed Journals:

1. McLagan B, Silvey K, Roberts T, Erceg D, **Sum JC**, Schroeder ET. Consensus on the Use of Therapeutic Interventions in Pain Management, Recovery, and Athletic Performance: A Delphi Study. *Int J Sports Phys Ther.* 2025;20(3):420-428.
2. Stirling BD, **Sum JC**, Baek L, Michener LA, Barrack AJ, Tate AR. Shoulder Pain in Competitive Swimmers: A Multi-Site Survey Study. *Int J Sports Phys Ther.* 2024;19(8):965-975.
3. Plummer HA, Cai Z, Dove H, Hostetter G, Brice T, Chien A, **Sum JC**, Hawkins A, Li B, Michener LA. Hip Abductor Strength Asymmetry: Relationship to Upper Extremity Injury in Professional Baseball Players. *Sports Health.* 2023;15(2), 295–302.
4. Kindstrand NA, McNeill BT, Dickenson SB, Magnusson N, **Sum JC**. Proposed Musculoskeletal Examination of Youth and Adolescent Baseball Players. *Curr Sports Med Rep.* 2022;21(10):376-382.
5. Michener LA, Barrack AJ, Liebeskind BY, Zerega RJ, **Sum JC**, Crotin RL, Plummer HA. Shoulder external and internal rotation strength profiles in professional baseball players: effects of player position and geographic origin. *Int J Sports Phys Ther.* 2021;16(4):1126-1134.
6. Zipser MC, Plummer HA, Kindstrand N, **Sum JC**, Li B, Michener LA. Hip Abduction Strength: Relationship to Trunk and Lower Extremity Motion During A Single-Leg Step-Down Task in Professional Baseball Players. *Int J Sports Phys Ther.* 2021;16(2):342-349.
7. Zipser MC, **Sum JC**, Wilcox A. Little leaguer's shoulder. *J Orthop Sports Phys Ther.* 2018;48(1):51.

8. Plummer, HA, **Sum JC**, Pozzi F, Varghese R, Michener LA. Observational Scapular Dyskinesia: known-groups validity in patients with and without shoulder pain. *J Orthop Sports Phys Ther.* 2017;47(8):530-7.
9. Wu B, Lorenzana D, Badash I, Berger M, Lane C, **Sum JC**, Hatch GF, Schroeder ET. Perioperative testosterone supplementation increases lean mass in healthy men undergoing anterior cruciate ligament reconstruction: a randomized controlled trial. *Orthop J Sports Med.* 2017;5(8):1-9.
10. Skinner C, Franklin S, Chang J, **Sum J**, Groshen S, Hatch G. Demographics, activity level, and shoulder health history of populations participating in CrossFit: a descriptive analysis. *Austin J Orthopade & Rheumatol.* 2017;4(2):1052.
11. Tilson JK, Mickan S, R Howard, **Sum JC**, Zibell M, Cleary L, Mody B, Michener LA. Promoting physical therapists' use of research evidence to inform clinical practice: part 3 – long term feasibility of the PEAK program. *BMC Med Educ.* 2016; 16(1):144.
12. Cole S, Sanderson T, McNeill BT, **Sum JC**. A Proposal for Functional Screening of the Throwing Kinetic Chain in Baseball Pitchers to assess Shoulder and Elbow Injury Risk. *Sport Exerc Med Open J.* 2015;1(5):151-8.
13. Riva SS, **Sum JC**, Hatch GF. Functional movement analysis in the differential diagnosis of a patient with a posterolateral corner knee injury. *Sport Exerc Med Open J.* 2015;1(2):47-53.
14. Hawkins AP, **Sum JC**, Kirages D, Sigman E, Sahai-Srivastava S. Pelvic osteomyelitis presenting as groin and medial thigh pain: a resident's case problem. *J Orthop Sports Phys Ther.* 2015;45(4):306-15.
15. Wu B, Berger M, **Sum JC**, Hatch GF, Schroeder ET. Randomized control trial to evaluate the effects of acute testosterone administration in men on muscle mass, strength, and physical function following ACL reconstructive surgery: rationale, design, methods. *BMC Surg.* 2014;14(102).
16. Tilson JK, Mickan S, **Sum JC**, Zibell M, Dylla JM, Howard R. Promoting physical therapists' use of research evidence to inform clinical practice: part 2 – a mixed methods evaluation of the PEAK program. *BMC Med Educ.* 2014;14(1):126.
17. **Sum JC**, Omid R. Superior labrum anterior to posterior tear. *J Orthop Sports Phys Ther.* 2012;42(12):1050.
18. **Sum JC**, Hatch GF. Osteochondritis Dissecans. *J Orthop Sports Phys Ther.* 2011;41(10):797.
19. Hensley CP, **Sum J**. Physical therapy intervention for a former power lifter after arthroscopic microfracture procedure for grade IV glenohumeral chondral defects. *Int J Sports Phys Ther.* 2011 Mar;6(1):10-26.
20. Popovich JM Jr, **Sum JC**, Poppert EM, Colletti PM, Kulig K. Axial loading of the lumbar spine in persons with acute low back pain: a kinematic analysis. *Clinical Kinesiology: Journal of the American Kinesiotherapy Association*, vol.59, no.1, 2005.

Published Books, Monographs, Chapters:

1. **Sum JC**, Diaz AM, Michener LA. Shoulder the Future: Prevention and Recovery of Common Shoulder Injuries in Youth Sports. Chapter. *Youth Sports Injury Prevention and Recovery.* eds. Queen R, Hart J (Switzerland; Springer Nature, *IN PRESS, anticipated for 2026*).
2. **Sum JC**, Michener LA. [Rehabilitation for Rotator Cuff Disorders](#). Chapter. Resident Orthopaedic Core Knowledge. American Academy of Orthopedic Surgery. Nov 29, 2022.

3. **Sum JC**, Michener LA. [Chapter 2 Evaluation of Scapular Dysfunction in Athletes: What does the Literature Tell Us?](#). Current Concepts Shoulder Independent Study Course. American Academy of Sports Physical Therapy, American Physical Therapy Association. 2022. <https://learn.sportspt.org/courses/48245/sections/59960>

Articles in Conference Proceedings:

1. **Sum JC**, Nomura J, Carter K, Low S, Phan W, Pilar EC, Tabaracci B, Washington D, Squillante A, Michener LA, Schroeder ET. Intertester and intratester reliability of measuring medial elbow stiffness using myotonometry. Platform Presentation, Annual Meeting, American Society of Shoulder and Elbow Therapists, San Diego, California, Oct 16, 2025.
2. Nomura JKM, Carter KL, Squillante A, Tabaracci B, Klich S, Schroeder ET, Michener LA, **Sum JC**. PROTOCOL: Reliability assessment of medial elbow stiffness: an anatomic study. Poster Presentation, USC Division of Biokinesiology and Physical Therapy Jacqueline Perry Research Day, Los Angeles, California, Apr 11, 2024.
3. Craven T, **Sum JC**, Tabor J, Zhuang F, Lee C, Awokuse DO, Michener LA. Effect of Arm Path on Pitch Metrics and Injury Risk. 15th International Congress on Shoulder and Elbow Surgery, 7th International Congress on Shoulder and Elbow Therapy. E-Poster, Sep 5-8, 2023.
4. **Sum JC**, Omid R. Rehabilitation following arthroscopic superior capsule reconstruction. Platform Presentation, Annual Meeting, American Society of Shoulder and Elbow Therapists, Virtual Meeting, Oct 2, 2020.
5. Tate AR, **Sum JC**, Stirling B, Baek L, Michener LA, Barrack AJ. Multicenter survey investigating United States youth competitive swimmers' shoulder pain disability and training, and their coaches' experience, education and views on shoulder injury prevention. Platform Presentation, Annual Meeting, American Society of Shoulder and Elbow Therapists, Virtual Meeting, Oct 2, 2020.
6. Matsuno K, Dionio K, Seto E, Chavez A, Schroeder ET, **Sum JC**. Effects of Recovery Sleeves on Professional Basketball Players. Poster Presentation, USC Division of Biokinesiology and Physical Therapy Jacqueline Perry Research Day, Los Angeles, California, Apr 18, 2019.
7. Stirling B, **Sum JC**, Knight T. Effects of Incrediwear®. Recovery Leg Sleeves on Time-Loss for Major League Soccer Players. Poster Presentation, Annual Meeting, California Physical Therapy Association, Santa Clara, California, Sept 22, 2018.
8. Stirling B, **Sum JC**, Knight T. Effects of Incrediwear®. Recovery Leg Sleeves on Time-Loss for Major League Soccer Players. Poster presentation, USC Division of Biokinesiology and Physical Therapy Jacqueline Perry Research Day, Los Angeles, California, Apr 10, 2018.
9. **Sum JC**. Rehabilitation following Superior Capsular Reconstruction. Session presentation, USC Shoulder Update 2018, USC Division of Biokinesiology and Physical Therapy, Los Angeles, California, Feb 3, 2018.
10. **Sum JC**. Evaluation of the Overhead Athlete. Session presentation, USC Science of Throwing and Hitting, USC Division of Biokinesiology and Physical Therapy, Los Angeles, California, Feb 2, 2018.
11. McNeill BT, **Sum JC**, Pozzi F, Plummer H, Michener LA. Feasibility and Efficacy of a Closed Chain Strengthening Protocol for Patients with Full Thickness Rotator Cuff Tears.

- Platform Presentation, Annual Meeting, American Society of Shoulder and Elbow Therapists, New Orleans, Louisiana, Oct 14, 2017.
12. Stirling B, **Sum JC**, Ayoob K, Baek L, Bryant M, Chang J, Curran J, Hankard J, Weedman C, Yim C, Zeiger B. Prevalence of shoulder pain in United States youth competitive swimmers. Research Podium Presentation, Annual Meeting, California Physical Therapy Association, San Diego, California, Sept 16, 2017.
  13. **Sum JC**, Reeves L. Pain Rehabilitation: Physical & Occupational Therapies. Session presentation, Keck Medicine of USC 8<sup>th</sup> Annual Pain Management Symposium, Universal City, California, Aug 11, 2017.
  14. **Sum JC**. Latarjet vs. Bankart: Outcomes and Rehab. Session presentation, USC Shoulder Update 2016, USC Division of Biokinesiology and Physical Therapy, Los Angeles, California, Sep 10, 2016.
  15. **Sum JC**, Uyeshiro A. Pain Rehabilitation: Physical & Occupational Therapies. Session presentation, Keck Medicine of USC 7<sup>th</sup> Annual Pain Management Symposium, Universal City, California, Aug 19, 2016.
  16. Hankard J, Bryant M, Zeiger B, Yim C, Weedman C, Curran J, Tate AR, **Sum JC**. Prevalence of shoulder pain and disability in youth competitive swimmers. Poster presentation, USC Division of Biokinesiology and Physical Therapy Jacqueline Perry Research Day, Los Angeles, California, Apr 14, 2016.
  17. Selby-Silverstein L, Bose S, Moore MG, **Sum JC**, Tilson JK. Electronic Health Records and EBP: Maximizing Knowledge Translation. Session Presentation, Evidence Based Practice Special Interest Group, Research Section, Combined Sections Meeting, American Physical Therapy Association, Anaheim, California, Feb 20, 2016.
  18. **Sum JC**, Tate AR, Chang J, Wyberg G. Prevalence of shoulder pain and disability in youth male and female swimmers: a multicenter survey. Platform presentation, Annual Meeting, American Society of Shoulder and Elbow Therapists, Asheville, North Carolina, Oct 9, 2015.
  19. Chang J, Skinner CB, **Sum JC**, Nash JK, Koshkaryan G, Hatch GF, Ji L, Groshen SL. Pre-participation fitness characteristics of participants joining Crossfit. Poster presentation, Annual Meeting, California Physical Therapy Association, Pasadena, California, Sep 27, 2015.
  20. Merriam P, Sniderman M, **Sum JC**, Uyeshiro A, Weinstein FF. Case study discussion / Panel of interdisciplinary pain experts. Panel presentation, Keck Medicine of USC 6<sup>th</sup> Annual Pain Management Symposium, Pasadena, California, Aug 20, 2015.
  21. Axtell S, **Sum JC**, Uyeshiro A. Pain rehabilitation: psychology, physical therapy, and occupational therapy. Panel presentation, Keck Medicine of USC 6<sup>th</sup> Annual Pain Management Symposium, Pasadena, California, Aug 21, 2015.
  22. Dexheimer JD, Orozco SP, Wu B, **Sum JC**, Gilbert PK, Vallejo AF, Schroeder ET. Anti-Gravity Treadmill Walking in Acute Rehabilitation of Total and Partial Knee Replacement Patients: 1365 Board# 158 May 28, 9: 00 AM-10: 30 AM. *Medicine & Science in Sports & Exercise*. 2015 May 1;47(5S):363-4.
  23. **Sum JC**, Skinner CB, Nash JK, Koshkaryan G, Hatch GF, Ji L, Groshen SL. Risk factors associated with shoulder injury in high-intensity exercise. Poster presentation, USC Division of Biokinesiology and Physical Therapy Jacqueline Perry Research Day, Los Angeles, California, Apr 16, 2015.
  24. **Sum JC**, Tate AR, Chang J, Wyberg G, Zeiger B. Prevalence of shoulder pain and disability in youth male and female competitive swimmers: a multicenter survey. Poster

- presentation, USC Division of Biokinesiology and Physical Therapy Jacqueline Perry Research Day, Los Angeles, California, Apr 16, 2015.
25. Dayal R, Merriam P, Sniderman M, **Sum JC**, Uyeshiro A, Weinstein FF. Pain management case studies: Panel discussion. Panel presentation, Keck Medicine of USC 5<sup>th</sup> Annual Pain Management Symposium, Los Angeles, California, Aug 21, 2014.
  26. **Sum JC**, Skinner CB, Kim SC, Kelso AS, Hatch GF, Groshen SL. Pilot study to investigate risk factors associated with shoulder injury in athletes involved with CrossFit. Poster presentation, USC Division of Biokinesiology and Physical Therapy Jacqueline Perry Research Day, Los Angeles, California, Apr 17, 2014.
  27. **Sum JC**, McGuinness A, Hatch GF. Range of motion and self-reported outcome measures following latissimus dorsi tendon transfer for irreparable rotator cuff tear using a post-operative physical therapy protocol: A case series. Platform presentation, Annual Meeting, American Society of Shoulder and Elbow Therapists, Las Vegas, Nevada, Oct 13, 2013.
  28. **Sum JC**, Fitzgerald K, Haile J, McNeill B, Michener LA. Relevance of scapular dyskinesis in patients with shoulder pain. Poster presentation, USC Division of Biokinesiology and Physical Therapy Jacqueline Perry Research Day, Los Angeles, California, Apr 11, 2013.
  29. Tilson JK, Mickan S, **Sum JC**, Zibell M, Howard R, Dylla J. Impact and implications of a multi-faceted, participant driven, EBP educational intervention. Evidence 2011, London, England, Oct 2011.
  30. Woodward SC, Hayden EM, **Sum JC**, Fresen JL, Dylla JM, Ying JC. Physiologic characteristics of jazz guitarists. Platform presentation, Medical Problems of Performing Artists Annual Symposium, Performing Arts Medicine Association, Snowmass, Colorado, Jul 2010.

Published Abstracts:

1. Low S, Phan W, **Sum JC**, Nomura J, Carter K, Pilar EC, Tabaracci BC, Washington D, Squillante A, Michener LA, Schroeder ET. Intertester and Intratester Reliability of Measuring Medial Elbow Stiffness Using Myotonometry. Poster Presentation, Combined Sections Meeting, American Physical Therapy Association, Anaheim, California, Feb 12, 2026.
2. Minassian S, Awokuse D, Michener LA, **Sum JC**. Using an arm action training device can influence pitch performance metrics. Poster Presentation, Combined Sections Meeting, American Physical Therapy Association, Houston, Texas, Feb 13, 2025.
3. Nomura JKM, Carter KL, Squillante A, Tabaracci B, Klich S, Schroeder ET, Michener LA, **Sum JC**. PROTOCOL: Reliability assessment of medial elbow stiffness: an anatomic study. Poster presentation, USC Ostrow School of Dentistry Research Day, Los Angeles, California, Apr 3, 2024.
4. Barrack AJ, Michener LA, Liebeskind BY, Zerega RJ, **Sum JC**, Crotin RL, Plummer HA. Rotational Shoulder Strength Profiles In North And Latin American Professional Baseball Pitchers And Position Players. Annual Meeting, American College of Sports Medicine, Virtual, 2021.
5. Stirling BD, Baek L, **Sum JC**, Michener LA, Barrack AJ, Tate AR. Shoulder Pain in Competitive Swimmers: A Multisite Survey Study. Platform Presentation, Combined Sections Meeting, American Physical Therapy Association, Virtual, 2021.

6. Baek L, Stirling BD, **Sum JC**, Barrack AJ, Michener LA, Tate AR. US Swimmers' Shoulder Pain and Coaches' Experience, Education, and Views on Injury Prevention. Platform Presentation, Combined Sections Meeting, American Physical Therapy Association, Virtual, 2021.
7. Stirling B, **Sum JC**, Knight T. Effects of Incrediwear®. Recovery Leg Sleeves on Time-Loss for Major League Soccer Players. Poster Presentation, Combined Sections Meeting, American Physical Therapy Association, Washington DC, Jan 26, 2019.
8. Zipser MC, Plummer H, Hostetter G, Li B, **Sum JC**, Michener LA. Hip abduction strength relationship to single-leg step down task in professional baseball players. Poster Presentation, Combined Sections Meeting, American Physical Therapy Association, Washington DC, Jan 26, 2019.
9. Pozzi F, Plummer H, **Sum JC**, McNeill BT, Chow K, Winstein CL, Michener LA. Functional recovery of patients with full thickness rotator cuff tears discharged from physical therapy. Poster Presentation, Combined Sections Meeting, American Physical Therapy Association, Washington DC, Jan 26, 2019.
10. Pozzi F, Plummer H, **Sum JC**, McNeill BT, Chow K, Itamura JM, Michener LA. Feasibility and Efficacy of a Closed Chain Strengthening Protocol for Patients with Full Thickness Rotator Cuff Tears. Platform Presentation, Combined Sections Meeting, American Physical Therapy Association, New Orleans, Louisiana, Feb 22, 2018.
11. Badash BA, Wu B, Berger M, Lorenzana D, Lane C, **Sum JC**, Hatch GF, Schroeder ET. Testosterone supplementation increases lean mass in men undergoing anterior cruciate ligament reconstruction: a randomized controlled trial. Abstract/Presentation. Annual Meeting. American Orthopaedic Society for Sports Medicine, Toronto, Canada, July 21, 2017.
12. Hankard J, **Sum JC**, Tate AR, Blubello A, Blum B, Bryant M, Chang J, Curran J, Peterson A, Weedman C, Yim C, Zeiger B. Prevalence of shoulder pain in United States youth competitive swimmers. Poster Presentation, Combined Sections Meeting, American Physical Therapy Association, San Antonio, Texas, Feb 17, 2017.
13. Hankard J, Bryant M, Zeiger B, Yim C, Weedman C, Curran J, Tate AR, **Sum JC**. Prevalence of shoulder pain and disability in youth competitive swimmers. Poster presentation, USC Ostrow School of Dentistry Research Day, Los Angeles, California, Mar 9, 2016.
14. **Sum JC**, Skinner CB, Nash JK, Koshkaryan G, Hatch GF, Ji L, Groshen SL. Risk factors associated with shoulder injury in high-intensity exercise. Poster presentation, USC Ostrow School of Dentistry Research Day, Los Angeles, California, Mar 25, 2015.
15. **Sum JC**, Tate AR, Chang J, Wyberg G, Zeiger B. Prevalence of shoulder pain and disability in youth male and female competitive swimmers: a multicenter survey. Poster presentation, USC Ostrow School of Dentistry Research Day, Los Angeles, California, Mar 25, 2015.
16. Wu B, Berger M, **Sum JC**, Hatch GF, Schroeder ET. Acute vs. chronic knee injury – Basketball. Platform presentation, 61<sup>st</sup> Annual Meeting, American College of Sports Medicine, Orlando, Florida, May 28, 2014.
17. **Sum JC**, Fitzgerald K, Haile J, McNeill B, Michener LA. Relevance of scapular dyskinesis in patients with shoulder pain. Poster presentation, USC Ostrow School of Dentistry Research Day, Los Angeles, California, Feb 20, 2013.

18. **Sum JC.** Latissimus dorsi tendon transfer for massive irreparable rotator cuff tears: indications and post-operative rehabilitation considerations. Poster presentation, Combined Sections Meeting, American Physical Therapy Association, Las Vegas, Nevada, Feb 2009.
19. **Sum JC,** Ellenbecker TS, Bailie DS. Range of motion, rotator cuff muscular strength, and functional self-report following Promos shoulder arthroplasty vs. Copeland shoulder arthroplasty. Platform presentation, Combined Sections Meeting, American Physical Therapy Association, San Diego, California, Feb 2006.
20. **Sum JC,** Popovich JM, Kulig K, Colletti P. The role of axial loading in early diagnosis of lumbar disc injury: a biomechanical interpretation using magnetic resonance imaging. Poster presentation, Combined Sections Meeting, American Physical Therapy Association, New Orleans, Louisiana, Feb 2005.

News Releases:

- |          |   |
|----------|---|
| 12/10/24 | Featured Faculty Member in Print Spotlight<br>HSC News<br><a href="https://hscnews.usc.edu/american-academy-of-sports-physical-therapy-honors-usc-expert">American Academy of Sports Physical Therapy honors USC expert</a><br><a href="https://hscnews.usc.edu/american-academy-of-sports-physical-therapy-honors-usc-expert">https://hscnews.usc.edu/american-academy-of-sports-physical-therapy-honors-usc-expert</a>  |
| 12/10/24 | Featured Faculty Member in Print Interview<br>inMotion Monthly<br><a href="https://pt.usc.edu/news/faculty-member-honored-with-2025-lynn-wallace-excellence-in-clinical-education-and-professional-development-award/">Faculty member honored with 2025 Lynn Wallace Excellence in Clinical Education and Professional Development Award</a><br><a href="https://pt.usc.edu/news/faculty-member-honored-with-2025-lynn-wallace-excellence-in-clinical-education-and-professional-development-award/">https://pt.usc.edu/news/faculty-member-honored-with-2025-lynn-wallace-excellence-in-clinical-education-and-professional-development-award/</a> |
| 5/6/24   | Featured Faculty Member in Print Interview<br>inMotion Monthly<br><a href="https://pt.usc.edu/news/standing-on-the-shoulders-of-giants/">Standing on the Shoulders of Giants</a><br><a href="https://pt.usc.edu/news/standing-on-the-shoulders-of-giants/">https://pt.usc.edu/news/standing-on-the-shoulders-of-giants/</a>   |
| 12/13/23 | Featured Faculty Member in Division Video Media<br>inMotion Monthly<br><a href="https://vimeo.com/893408223?share=copy">Launching Dream Careers in the Sports World</a><br><a href="https://vimeo.com/893408223?share=copy">https://vimeo.com/893408223?share=copy</a>  |
| 11/10/2  | Featured Faculty Member in Print Spotlight<br>Keck Medicine of USC Daily Huddle<br><a href="#">USC physical therapist named fellow of the American Society of Shoulder and Elbow Therapists</a>   |
| 11/7/23  | Featured Faculty Member in Print Spotlight<br>HSC News<br><a href="https://hscnews.usc.edu/usc-physical-therapy-educator-named-fellow-of-the-american-society-of-shoulder-and-elbow-therapists/">USC physical therapist named fellow of the American Society of Shoulder and Elbow Therapists</a><br><a href="https://hscnews.usc.edu/usc-physical-therapy-educator-named-fellow-of-the-american-society-of-shoulder-and-elbow-therapists/">https://hscnews.usc.edu/usc-physical-therapy-educator-named-fellow-of-the-american-society-of-shoulder-and-elbow-therapists/</a>  |

[e-american-society-of-shoulder-and-elbow-therapists](#)

- 11/1/23      Featured Faculty Member in Print Spotlight  
inMotion Monthly  
[\*Shouldering Success\*](#)  
<https://pt.usc.edu/news/shouldering-success/>
- 7/13/23      Featured Faculty Member in Print Interview  
inMotion Monthly  
[\*USC's Upper Extremity Athlete Fellowship Receives ABPTRFE Accreditation\*](#)  
<https://pt.usc.edu/news/uscs-upper-extremity-athlete-fellowship-receives-a-bptrfe-accreditation/>
- 7/10/23      CBSNews Featured Guest Expert with Danya Bacchus  
Pickleball injuries on the rise  
CBSNews Philadelphia:  
<https://drive.google.com/file/d/1E1aMZN0H5sYZrTaIMSytlCsqDdsHJQkg/view?usp=sharing>  
CBSNews Minnesota:  
[https://drive.google.com/file/d/1Pk\\_aCdsV5zI9Ap664YJpGd0aaairCS7\\_S/view?usp=drive\\_link](https://drive.google.com/file/d/1Pk_aCdsV5zI9Ap664YJpGd0aaairCS7_S/view?usp=drive_link)
- 12/5/22      Featured Faculty in Print Interview  
inMotion Monthly  
[\*A Grand Slam\*](#)  
<https://pt.usc.edu/news/a-grand-slam/>
- 10/11/22      Featured Faculty in Print Interview  
USC Annenberg Media  
[\*NFL and NFLPA agree on amendments to concussion protocol\*](#)  
<https://www.uscannenbergmedia.com/2022/10/11/nfl-and-nflpa-agree-on-amendments-to-concussion-protocol/>
- 10/24/17      Featured Faculty in Print Interview with USC Annenberg Media  
[\*Triple digit heat doesn't stop Dodgers fans from watching the game\*](#)  
<https://www.uscannenbergmedia.com/2017/10/24/triple-digit-heat-doesnt-stop-dodgers-fans-from-watching-the-game/>
- 10/4/17      Featured Faculty in Print Interview with USC Press Room  
[\*The final stretch: MLB postseason puts players' endurance to the test\*](#)
- 7/25/17      Featured Faculty in Print Interview with Los Angeles Times  
Bill Skaikin, National Baseball Reporter  
[\*There still is no timetable for Clayton Kershaw's return to the mound for the Dodgers.\*](#)

<https://www.latimes.com/sports/dodgers/la-sp-dodgers-report-20170725-story.html>

- 1/22/15      Featured Faculty in Radio Interview on The Drive  
with George Wrihster and Brett Winterble  
The Beast 980, KFWB 980 AM  
*[Topic: Kobe Bryant tears his rotator cuff](#)*
- 3/6/14      Featured Faculty in Radio Interview on Airtalk with Larry Mantle  
KPCC 89.3 FM  
*[Topic: Are CrossFit workouts too dangerous for the average person?](#)*
- 1/9/14      Featured Faculty in Television Interview on KABC 7: Fitness Coach Lori  
Corbin  
*[Topic: Cheerleading Injuries](#)*
- 11/6/13     Featured Faculty in Television Interview on KABC 7: Fitness  
Coach Lori Corbin  
*[Topic: Swimmer's Shoulder](#)*
- 11/13/12    Featured Faculty in Print Interview with Today in PT magazine article  
*Great Pains* by Stephanie Stephens

#### MAJOR PUBLIC PRESENTATIONS

- 4/17-18/26    Invited Featured Speaker  
19th Annual Sanford Sports Medicine Symposium  
Sanford Orthopedics Sports Medicine  
Sioux Falls, SD
- 10/17/25     Invited Case Panel Expert  
Panel Case Discussion: Pseudo-paralysis patient case  
ASSET Annual Meeting  
American Society of Shoulder and Elbow Therapists  
San Diego, CA
- 3/25/24      Invited Guest Lecturer  
Physical Therapy in Management of Pain  
OT 550 Lifestyle Redesign: Pain and Headache Management  
(2 contact hours, 2 units per spring semester, 21 students)  
USC Chan Division of Occupational Science and Occupational Therapy  
Ostrow School of Dentistry  
University of Southern California  
Los Angeles, CA
- 12/15/23     Invited Faculty for USC Football Academic Recruiting  
1923 Club, Los Angeles Memorial Coliseum

- Student - Athletic Academic Services  
Department of Athletics  
University of Southern California  
Los Angeles, CA
- 11/17/23 Invited Lunch and Learn Lecture  
[Rehab for Anatomic Total Shoulder and Reverse Total Shoulder Arthroplasty](#)  
Gary Souza PT and Associates  
Diamond Bar, CA
- 5/13/23 Spotlight on Upper Extremity Athlete Fellowships Webinar  
Shoulder Special Interest Group  
American Academy of Sports Physical Therapy  
<https://learn.sportspt.org/courses/41557/webinars/35875>
- 5/3/23 Invited Faculty for USC Football Academic Recruiting  
Virtual Meeting  
Student - Athletic Academic Services  
Department of Athletics  
University of Southern California  
Los Angeles, CA
- 1/15/22 Invited Speaker  
PocketPath: Rehab & Identifying Risk Factors in Throwers  
PWS Coaches Seminar  
Upland, CA
- 12/10/21 Invited Expert Speaker  
Pitching Mechanics: A Clinical Perspective  
ATI Upper Extremity Athlete Fellowship Speaker Series
- 3/26/21 Invited Expert Panelist  
Combined Panel Discussion: DPTs in Sports Medicine / Treating an Athletic Population  
Northwestern University AAOMPT Sports SIG Meeting  
Department of Physical Therapy and Human Movement Science  
Northwestern University
- 2/24/21 Podcast: Understanding the role of Physical Therapy in Pain Management  
Pain Know-How: by Steven Richeimer MD  
Keck School of Medicine  
University of Southern California  
<https://anchor.fm/pain-know-how/episodes/Understanding-the-role-of-Physical-Therapy-in-pain-management-eqdj5v>
- 10/17/19 Invited Expert Panelist

Combined Panel Discussion: Return to Sports for the Throwing Athlete  
2019 American Society of Shoulder and Elbow Therapists Annual  
Meeting  
New York, New York

- 10/25/18      Invited Lecturer  
Physical Therapy...Personalized  
2018 Research Coordinators Education  
Keck School of Medicine  
University of Southern California
- 9/18/18      Invited Lecturer  
Physical Therapy in Pain Management  
2018-19 USC Pain Management Lecture Series for Pain Fellowship  
Keck School of Medicine  
University of Southern California
- 3/1/18      Invited Expert for Musicians and Injuries Podcast Interview  
PE for Musicians Blog with Karen Hall  
<https://musicianhealthresource.com/blogs/blog/interview-with-dr-jonathan-sum-dpt-ocs-scs-physician-at-usc-musician-rehabilitation>
- 1/9/18      Invited Lecturer  
Physical Therapy in Pain Management  
2017-18 USC Pain Management Lecture Series for Pain Fellowship  
Keck School of Medicine  
University of Southern California
- 12/8/17      Invited Faculty  
Shoulder Surgery:  
    Rehabilitation Tricks for the Unstable Shoulder  
2017 Orthopedic Summit Evolving Techniques  
Las Vegas, Nevada
- 12/9/17      Invited Faculty  
Advanced Practitioner Summit:  
    Postoperative Rehab of the Throwing Athlete: What I've Learned  
    in 12 Years  
2017 Orthopedic Summit Evolving Techniques  
Las Vegas, Nevada
- 12/9/17      Invited Expert Panelist  
Advanced Practitioner Summit:  
    Case Presentations  
2017 Orthopedic Summit Evolving Techniques  
Las Vegas, Nevada

- 11/20/13      Invited Lecturer  
Repetitive Overuse Injuries in Youth  
Partnership for Awareness  
San Marino, California
- 2013-17      Invited Lecturer (annually)  
Pitching Mechanics/Legs and Trunk/Throwing by Positions  
Far East Baseball Exchange Program  
Los Angeles, California
- 10/12      Invited Lecturer  
Dynamic Scapular Assessment  
Orthopedic Residency Reunion Meeting  
USC Division of Biokinesiology & Physical Therapy  
University of Southern California
- 10/11      Invited Lecturer  
Kinesiology Majors Club Career Information Meeting  
Department of Kinesiology, College of Health and Human Development  
California State University, Northridge
- 4/11      Guest Panelist  
Pre-Health Week 2011  
Pre-Health Advisement Office  
Dornsife College of Letters, Arts & Science  
University of Southern California
- 7/09      Invited Lecturer  
Orthopedic Functional Outcomes  
San Gabriel Valley District Meeting, California Chapter  
American Physical Therapy Association
- 3/07      Invited Lecturer  
Musculoskeletal Disorders of the Musician  
Music Education Department  
Thornton School of Music  
University of Southern California
- 2006-09      Invited Lecturer (annually)  
Kinesiology Club Career Information Meeting  
Dornsife College of Letters, Arts, & Science  
University of Southern California

GRANTS AND/OR CONTRACTS AWARDED

- 2020      *Ability of Oral Steroid (Oxandrolone) to Halt Fatty Infiltration and Aid Rotator  
Cuff Healing: A Double-Blind, Randomized Clinical Trial (HS-17-00272)*

Funding Agency: Keck School of Medicine Dean's Pilot Funding Program.  
Dates of funding: February 2020 – February 2021  
Total Budget: Total: \$40,000  
Name of PI: Alex Weber, MD  
Role: Research Coordinator: Physical Therapy Protocol-Development and Adherence to Protocol

2017 *Risk Factors Associated with Upper Extremity Injuries in Baseball (HS-17-00056)*

Major League Baseball Research Grant  
Funding Agency: Major League Baseball Research Fund  
Dates of funding: 2017 - 2019  
Total Budget: Total: \$47,677  
Name of PI: Lori Michener, PhD, PT, ATC, FNATA, FAPTA  
Role: Co- Investigator

2015 *Rehabilitation of Patients with Full-thickness Rotator Cuff Tears: Planning and Pilot Study for Feasibility and Efficacy (HS-15-00771)*

Funding Agency: Private Donor  
Dates of funding: 2015-2017  
Total Budget: Total: \$500,000+  
PI: Lori Michener, PhD, PT, ATC, FNATA, FAPTA  
Role: Co-Investigator

2012 *The Effects of Acute Testosterone Administration in Men on Muscle Mass, Strength, and Physical Function Following ACL Reconstructive Surgery (HS-10-00593)*

Sandy Kirkley Clinical Outcome Research Grant  
Funding Agency: American Orthopedic Society for Sports Medicine  
Total Budget: Total: \$19,500  
CTSI Grant  
Funding Agency: Southern California Clinical and Translational Science Institute  
Total Budget: Total: \$30,000  
Division of Biokinesiology and Physical Therapy Seed Grant  
Funding Agency: Division of Biokinesiology and Physical Therapy  
Total Budget: Total: \$15,000  
PI: E. Todd. Schroeder, PhD  
Role: Co-Investigator

#### IV. TEACHING ACTIVITIES

##### COURSES DEVELOPED AND/OR PRESENTED

1/21-present Course Co-Director  
PAIN 720 Physical & Occupational Therapies  
(1 unit per semester, 8 students)

Content Co-Developer

Program: Masters in Pain Medicine

This course discusses different Physical and Occupational Therapy interventions for assessing and treating chronic pain

Keck School of Medicine & Ostrow School of Dentistry

University of Southern California

- 1/26-present Course Director
- 1/26-present Hybrid Lead
- 1/21-present Residential Lead
- 1/20-4/20 Course Instructor  
PT 566 Disorders of the Musculoskeletal System  
(50 contact hours per spring semester, 3 units, 138 graduate/professional students)  
Division of Biokinesiology and Physical Therapy  
University of Southern California
- 5/22-present Course Co-Director
- 5/22-present Residential Lead
- 5/20 – 5/22 Hybrid Lead  
PT 561e Evidence in Physical Therapist Practice – Health Systems  
(30 contact hours per summer semester, 2 units, 145 graduate/professional students)  
Division of Biokinesiology and Physical Therapy  
University of Southern California
- 7/14-present Content Co-Developer/Module Coordinator/Lead Lecturer/  
Laboratory Instructor  
Pediatric/Adolescent Sports Module  
PT 529 Lifespan Motor Control  
(6 contact hours per spring semester, 3 units, 145 graduate/professional students)  
Division of Biokinesiology and Physical Therapy  
University of Southern California
- 11/22–present Content Developer/Module Coordinator/Lead Instructor  
Management of the Athlete Module  
PT 630/ PT 640b Integrated Patient Management Clinical Skills  
(4 contact hours each fall and spring semester, 4 units, 100 graduate/professional students; 4 contact hours Immersion 10, 4 units, 48 graduate/professional students)  
Division of Biokinesiology and Physical Therapy  
University of Southern California
- 1/17-present Content Co-Developer/Module Coordinator/Lead Instructor  
Knee Module  
PT630 / PT 640b Integrated Patient Management Clinical Skills

(4 contact hours each fall and spring semester, 4 units, 100 graduate/professional students; 4 contact hours Immersion 10, 4 units, 48 graduate/professional students)  
Division of Biokinesiology and Physical Therapy  
University of Southern California

- 8/19-present Co-Lead Instructor  
Shoulder Module  
PT 630 / PT 640a Integrated Patient Management Clinical Skills  
(4 contact hours each fall and spring semester, 4 units, 100 graduate/professional students; 4 contact hours Immersion 9, 4 units, 48 graduate/professional students)  
Division of Biokinesiology and Physical Therapy  
University of Southern California
- 8/25-present Course Instructor  
PT 521 Evaluation of the Patient with Musculoskeletal Dysfunction  
(Residential: 4 contact hours per week; Hybrid: 2 contact hours per week + Immersion 0, 1, 2; fall semester, 5 units, 138 graduate/professional students)  
Division of Biokinesiology and Physical Therapy  
University of Southern California
- 10/20-12/24 Course Instructor  
PT 606 Clinical Imaging  
(30 contact hours per fall semester, 2 units, 12 graduate/professional students per section, taught 2 sections)  
Division of Biokinesiology and Physical Therapy  
University of Southern California
- 6/20 – 12/21 Course Instructor  
PT 642a Integrated Patient Management  
(59 contact hours per fall semester, 24 graduate/professional students per section, taught 2 sections)  
Division of Biokinesiology and Physical Therapy  
University of Southern California
- 4/09 - 4/20 Content Developer/Module Coordinator  
Shoulder Module  
PT 621 Clinical Management of the Patient with Musculoskeletal Dysfunction  
(10 contact hours per spring semester, 5 units, 100 graduate/professional students)  
Division of Biokinesiology and Physical Therapy  
University of Southern California
- 10/08 - 4/20 Content Developer/Module Coordinator

Shoulder Module

PT 521 Basics of Patient Management

(9.5 contact hours per fall semester, 4 units, 100 graduate/professional students)

Division of Biokinesiology and Physical Therapy

University of Southern California

2/06-5/13, 11/17, 11/19 Laboratory Instructor

Musculoskeletal Examination

Introduction to Clinical Medicine

(4 contact hours per semester, 192 medical students)

Keck School of Medicine

University of Southern California

7/23/18

Guest Lecturer

Large Population Screening Assessments: Baseball

PT 599 Emerging Topics

(2 contact hours, 2 units, 100 graduate/professional students)

Division of Biokinesiology and Physical Therapy

University of Southern California

5/24/13

Guest Lecturer

Physical Therapy in MSK

Musculoskeletal System

(1 contact hour, 192 medical students)

Keck School of Medicine

University of Southern California

5/23/13

Guest Lecturer

Clinical Applications of the Spine

Musculoskeletal System

(1 contact hour, 192 medical students)

Keck School of Medicine

University of Southern California

7/12

Guest Panelist

PT 561e Evidence for Physical Therapists Practice

(2 contact hours, 2 units, 96 graduate/professional students)

Division of Biokinesiology and Physical Therapy

University of Southern California

5/11

Guest Lecturer

PT 530b Special Topics in Therapeutic Exercise

(2 contact hours, 2 units, 48 graduate/professional students)

Division of Biokinesiology and Physical Therapy

University of Southern California

1/08-5/09 Course Instructor  
PT 621 Clinical Management of the Patient with Musculoskeletal Dysfunction  
(10 contact hours per week, spring semester, 5 units, 96 graduate/professional students)  
Division of Biokinesiology and Physical Therapy  
University of Southern California

#### THESIS ADVISOR/THESIS COMMITTEE ACTIVITIES

4/25-present PhD Committee Member  
Ian Leahy, PT, DPT, PhD Candidate  
Thesis Title: Shoulder Internal and External Rotation Strength in Youth Baseball Players  
Rocky Mountain University of Health Professions

#### MENTORING ACTIVITIES:

7/19-present Senior Fellowship Mentor  
USC Physical Therapy Upper Extremity Athlete Fellowship  
Division of Biokinesiology and Physical Therapy  
University of Southern California

10/09-present Associate Residency Mentor  
USC Orthopedic Physical Therapy Residency  
USC Sports Physical Therapy Residency  
Division of Biokinesiology and Physical Therapy  
University of Southern California

9/09-present DPT Student Mentor  
USC DPT Student Mentorship Program  
Division of Biokinesiology and Physical Therapy  
University of Southern California

5/23-2/25 Mentor  
Mentor/Protege Program  
Shoulder Special Interest Group  
American Academy of Sports Physical Therapy  
American Physical Therapy Association

2/06-4/20 Clinical Instructor  
Research Hybrid Affiliation  
USC Physical Therapy - HSC  
Los Angeles, California

7/11-4/20 Physician Fellowship Mentor  
USC Rheumatology Fellowship

Department of Rheumatology  
University of Southern California

- 4/09-4/20 Physician Fellowship Mentor  
USC Pain Fellowship  
USC Pain Center  
Department of Anesthesiology  
University of Southern California
- 8/05-2/06 Clinical Instructor  
Physiotherapy Associates Scottsdale Sports Clinic  
Scottsdale, Arizona

#### CONTINUING EDUCATION TAUGHT

- 12/12-13/2025 USC Sports Module 6: Upper Extremity Sports (14 contact hours)  
Baseball, Golf, Swimming, Volleyball  
USC Sports Residency Module  
Division of Biokinesiology and Physical Therapy  
University of Southern California, Los Angeles, California
- 10/5/25 Musculoskeletal Imaging of the Lower Extremity (3 contact hours)  
USC Sports Residency Module  
Division of Biokinesiology and Physical Therapy  
University of Southern California, Los Angeles, California
- 1/25/25 USC/PBPTS Baseball Medicine Virtual Conference (4 contact hours)  
Collaboration with Professional Baseball Physical Therapy Society  
Division of Biokinesiology and Physical Therapy  
University of Southern California, Los Angeles, California
- 1/10-11/2025 USC Sports Module 6: Upper Extremity Sports (14 contact hours)  
Baseball, Golf, Swimming, Volleyball  
USC Sports Residency Module  
Division of Biokinesiology and Physical Therapy  
University of Southern California, Los Angeles, California
- 9/29/24 Musculoskeletal Imaging of the Lower Extremity (3 contact hours)  
USC Sports Residency Module  
Division of Biokinesiology and Physical Therapy  
University of Southern California, Los Angeles, California
- 5/6/24 Grand Rounds: Rehab for Anatomic Total Shoulder and Reverse Total  
Shoulder  
Arthroplasty (1 contact hour)  
USC Physical Therapy - HSC  
Division of Biokinesiology and Physical Therapy  
University of Southern California, Los Angeles, California

- 1/5-6/2024 USC Sports Module 6: Upper Extremity Sports (14 contact hours)  
Baseball, Golf, Swimming, Volleyball  
USC Sports Residency Module  
Division of Biokinesiology and Physical Therapy  
University of Southern California, Los Angeles, California
- 11/19/23 Musculoskeletal Imaging of the Lower Extremity (3 contact hours)  
USC Sports Residency Module  
Division of Biokinesiology and Physical Therapy  
University of Southern California, Los Angeles, California
- 10/30/23 Residency Q&A: presented by USC BKNPT Affinity Groups (1 contact hour)  
Led/Moderated by Jonathan Sum  
Division of Biokinesiology and Physical Therapy  
University of Southern California
- 9/11/23 Grand Rounds: HHD Dynamometry with Hoggan Scientific: MicroFET3 (1 contact hour)  
USC Physical Therapy - HSC  
Division of Biokinesiology and Physical Therapy  
University of Southern California, Los Angeles, California
- 11/7/22 Grand Rounds: Adhesive Capsulitis (1 contact hour)  
USC Physical Therapy - HSC  
Division of Biokinesiology and Physical Therapy  
University of Southern California, Los Angeles, California
- 11/5/22 Baseball Didactic and Lab (6 contact hours)  
USC Sports Residency Module  
Division of Biokinesiology and Physical Therapy  
University of Southern California, Los Angeles, California
- 10/2/21 Baseball Didactic and Lab (6 contact hours)  
USC Sports Residency Module  
Division of Biokinesiology and Physical Therapy  
University of Southern California, Los Angeles, California
- 2/13/21 Baseball Lab (3 contact hours)  
USC Sports Residency Module  
Division of Biokinesiology and Physical Therapy  
University of Southern California, Los Angeles, California
- 2020 USC Sports Residency Seminar II (4 contact hours)  
Pitching Mechanics, Pathologies Related to Throwing,  
Throwing Specific Exercises, Return to Sport

Division of Biokinesiology and Physical Therapy  
University of Southern California, Los Angeles, California

- 2019 USC Upper Extremity Rotational Athlete (1.25 contact hours)  
Upper Extremity/Lower Extremity/Core Assessments in Baseball  
Return to Sport: Throwing  
Division of Biokinesiology and Physical Therapy  
University of Southern California, Los Angeles, California
- 2018 USC Sports Rehabilitation: Module II (4 contact hours)  
Pitching Mechanics, Pathologies Related to Throwing,  
Throwing Specific Exercises, Return to Sport  
Division of Biokinesiology and Physical Therapy  
University of Southern California, Los Angeles, California
- 2018 The Science of Throwing and Hitting Symposium  
Evaluation of the Overhead Athlete (0.3 contact hours)  
Division of Biokinesiology and Physical Therapy  
University of Southern California, Los Angeles, California
- 2017 USC Sports Rehabilitation: Module II (4 contact hours)  
Pitching Mechanics/Pathologies Related to Throwing  
Pediatric Throwing Athlete, Return to Sport  
Division of Biokinesiology and Physical Therapy  
University of Southern California, Los Angeles, California
- 2016 USC Shoulder Update 2016  
Latarjet vs. Bankart: Outcomes and Rehab (0.3 contact hours)  
Division of Biokinesiology and Physical Therapy  
University of Southern California, Los Angeles, California
- 2016 USC Sports Rehabilitation: Module II (4 contact hours)  
Pitching Mechanics/Pathologies Related to Throwing  
Pediatric Throwing Athlete  
Division of Biokinesiology and Physical Therapy  
University of Southern California, Los Angeles, California
- 2015 Evaluation and Treatment of Shoulder and Elbow Disorders: An  
evidence-based approach for injuries and return to sport (6 contact hours  
each day)  
Summit Professional Education  
1/24/15 Redondo Beach, California  
1/25/15 San Diego, California
- 2014 Shoulder Evaluation and Treatment for the Throwing Athlete: An  
evidence-based approach to managing pain, preventing injury, and  
returning to sport (6 contact hours each day)

- Summit Professional Education  
3/23/14 Bakersfield, California  
3/24/14 Burbank, California  
6/21/14 Spokane, Washington  
6/22/14 Seattle, Washington  
7/12/14 Tucson, Arizona  
7/13/14 Phoenix, Arizona  
8/9/14 Salt Lake City, Utah  
8/10/14 Boise, Idaho  
12/13/14 Eugene, Oregon  
12/14/14 Portland, Oregon
- 9/15 USC Sports Rehabilitation: Module II (4 contact hours)  
Pitching Mechanics/Pathologies Related to Throwing  
Pediatric Throwing Athlete  
Throwing Specific Exercises / Return to Sport  
Division of Biokinesiology and Physical Therapy  
University of Southern California, Los Angeles, California
- 9/14 USC Sports Rehabilitation: Module II (4 contact hours)  
Pitching Mechanics/Pathologies Related to Throwing  
Pediatric Throwing Athlete  
Throwing Specific Exercises / Return to Sport  
Division of Biokinesiology and Physical Therapy  
University of Southern California, Los Angeles, California
- 8/13 USC Sports Rehabilitation: Module II (3 contact hours)  
Pitching and the Lower Extremities and Trunk  
Throwing Return to Sport Criteria  
Throwing Specific Exercises  
Division of Biokinesiology and Physical Therapy  
University of Southern California, Los Angeles, California
- 4/12 USC Sports Rehabilitation: Module II (3 contact hours)  
Softball Pitching  
Positional Differences  
Lower Extremity and Throwing  
Division of Biokinesiology and Physical Therapy  
University of Southern California, Los Angeles, California
- 9/08 Physical Therapy and Rehabilitation for the Elderly (1 contact hour)  
USC School of Medicine, Continuing Medical Education  
Suburban Medical Center, Paramount, California
- 6/08 Medical Problems of Musicians (1 contact hour)  
USC School of Medicine, Continuing Medical Education  
Verdugo Hills Hospital, Glendale, California

- 2007      The Relationship of the Cervical and Thoracic Spine in the Evaluation and Treatment of the Shoulder (1 contact hour)  
USC School of Medicine, Continuing Medical Education  
6/07 Suburban Medical Center, Paramount, California  
4/07 Verdugo Hills Hospital, Glendale, California  
3/07 Olympia Medical Center, Los Angeles, California