CURRICULUM VITAE

Jonathan Chen Chiang Sum

November 12, 2025

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 Email: sum@pt.usc.edu

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

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 Founders' Award 2018 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 (EUSSER)
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 7/20-present Faculty Advisor Asian Pacific Islander Student Affinity Group (APSAG) 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 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-present 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:

2025	Journal	of Shoulder	and Elbow	Surgery	(2)	,
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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 Coordinator, Call for Abstracts & Review

Scientific Committee Member

8th International Congress on Shoulder and Elbow Therapy

2026 ICSET, Vancouver, British Columbia, Canada

American Society of Shoulder and Elbow Therapists (ASSET)				
_		ific Program Co-Chair		
		Moderator, ASES Surgeon Panel		
		ASSET Annual Meeting, Scottsdale, AZ		
		resident, Elected		
10/21-	10/22 Presid	ent, Elected		
10/20-	11/21 Presid	ent-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 Secret	ary/Treasurer, Elected		
10/16-		ary/Treasurer-Elect, Elected		
10/14-	10/16 Memb	per-At-Large, Elected		
		Membership Committee Member		
10/13-	10/17 Resear	rch Committee Member, Appointed		
		Evidence-Based Practice Subsection Member, Appointed		
American Dhy	raigal Thorony	Association (ADTA)		
Nation	* *	Association (APTA)		
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	roves prosons	Committee		
		American Board of Physical Therapy Residency and		
		Fellowship Education		
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	2002-04	APTA Student Liaison		
		Student Assembly		
	2002-04	Student APTA Class Representative		
	2002-04	Division of Biokinesiology and Physical Therapy		
		University of Southern California		
		Oniversity of Southern Camornia		
	2003	Student Delegate Representative		
	2003	Greater Los Angeles District, California Chapter		
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State:				
	7/09-7/10	Assembly Representative, Elected		
		San Gabriel Valley District, California Chapter		
		The state of the s		
Local:				
	7/08-7/10	Continuing Education Committee, Appointed		
		San Gabriel Valley District, California Chapter		
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	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

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:

2005 Kathleen Bice Award:

Service to the profession of physical therapy Division of Biokinesiology and Physical Therapy University of Southern California

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 Dyskinesis: 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 8th 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 7th 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 6th 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 6th 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 5th 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, McGuiness 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. 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.
- 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 Ostrow School of Dentistry Research Day, Los Angeles, California, Apr 3, 2024.
- 3. 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.
- 4. 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.
- 5. 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.
- 6. 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.
- 7. 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.
- 8. 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.

- 9. 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.
- 10. 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.
- 11. 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.
- 12. 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.
- 13. **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.
- 14. **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.
- 15. Wu B, Berger M, **Sum JC**, Hatch GF, Schroeder ET. Acute vs. chronic knee injury Basketball. Platform presentation, 61st Annual Meeting, American College of Sports Medicine, Orlando, Florida, May 28, 2014.
- 16. **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.

- 17. **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.
- 18. **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.
- 19. **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

HSC News

<u>American Academy of Sports Physical Therapy honors USC expert</u> <u>https://hscnews.usc.edu/american-academy-of-sports-physical-therapy-honors-usc-expert</u>

12/10/24 Featured Faculty Member in Print Interview

inMotion Monthly

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/

5/6/24 Featured Faculty Member in Print Interview

inMotion Monthly

Standing on the Shoulders of Giants

https://pt.usc.edu/news/standing-on-the-shoulders-of-giants/

12/13/23 Featured Faculty Member in Division Video Media

inMotion Monthly

<u>Launching Dream Careers in the Sports World</u> https://vimeo.com/893408223?share=copy

11/10/2 Featured Faculty Member in Print Spotlight

Keck Medicine of USC Daily Huddle

USC physical therapist named fellow of the American Society of

Shoulder and Elbow Therapists

11/7/23 Featured Faculty Member in Print Spotlight

HSC News

<u>USC physical therapist named fellow of the American Society of Shoulder</u>

and Elbow Therapists

https://hscnews.usc.edu/usc-physical-therapy-educator-named-fellow-of-th

	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 <u>USC's Upper Extremity Athlete Fellowship Receives ABPTRFE</u> <u>Accreditation</u> https://pt.usc.edu/news/uscs-upper-extremity-athlete-fellowship-receives-abptrfe-accreditation/
7/10/23	CBSNews Featured Guest Expert with Danya Bacchus Pickleball injuries on the rise CBSNews Philadelphia: https://drive.google.com/file/d/1E1aMZNoH5sYZrTaIMSytlCsqDdsHJQkg/view?usp=sharing CBSNews Minnesota: https://drive.google.com/file/d/1Pk_aCdsV5zI9Ap664YJpGd0aairCS7_S/view?usp=drive_link
12/5/22	Featured Faculty in Print Interview inMotion Monthly <u>A Grand Slam</u> 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	Fastured Faculty in Print Interview with USC Annenhara Media

	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-a mendments-to-concussion-protocol/
10/24/17	Featured Faculty in Print Interview with USC Annenberg Media <u>Triple digit heat doesn't stop Dodgers fans from watching the game</u> 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 <u>The final stretch: MLB postseason puts players' endurance to the test</u>
7/25/17	Featured Faculty in Print Interview with Los Angeles Times Bill Skaikin, National Baseball Reporter <u>There still is no timetable for Clayton Kershaw's return to the mound for</u> <u>the Dodgers.</u>

https://www.latimes.com/sports/dodgers/la-sp-dodgers-report-20170725-st ory.html

1/22/15 Featured Faculty in Radio Interview on The Drive

with George Wrighster 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

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-Phy

sical-Therapy-in-pain-management-eqdi5v

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.

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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
1/26-present
1/21-present
1/20-4/20
Course Director
Hybrid Lead
Residential Lead
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

Curriculum Vitae - Jonathan C. Sum, PT, DPT

4/07 Verdugo Hills Hospital, Glendale, California 3/07 Olympia Medical Center, Los Angeles, California