

## CURRICULUM VITAE

**JONATHAN CHEN CHIANG SUM**

*August 14, 2020*

### I. PERSONAL INFORMATION

#### **Home address:**

517 Santa Cruz Road  
Arcadia, California 91007  
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#### **University address:**

University of Southern California  
Division of Biokinesiology and Physical Therapy  
at the Ostrow School of Dentistry  
1540 E. Alcazar Street, CHP 155  
Los Angeles, California 90089-9006  
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Division URL: <http://pt.usc.edu/>

#### **Business 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/>

#### **Education**

2011-12	Evidence Based Practice Fellowship Division of Biokinesiology and Physical Therapy University of Southern California, Los Angeles, California
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

#### **Academic Appointments**

3/13-present	Assistant Professor of Clinical Physical Therapy Division of Biokinesiology and Physical Therapy University of Southern California
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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

**Administrative Appointments**

7/19-present               Director  
USC Physical Therapy Upper Extremity Elite Athlete Fellowship  
Division of Biokinesiology and Physical Therapy  
University of Southern California  
Los Angeles, California

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

**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

**Honors & Awards**

2018                       Founders' Award  
American Society of Shoulder and Elbow Therapists

2005                       Orthopedic Section: Outstanding Physical Therapy Student  
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  
course work, clinical practice, and scientific research  
Division of Biokinesiology and Physical Therapy  
University of Southern California

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

**Professional Memberships & Positions**

2010-present	American Society of Shoulder and Elbow Therapists (ASSET)
10/14-present	Executive Board Member, Elected & Appointed
10/16-present	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
2018-present	European Society for Shoulder and Elbow Rehabilitation (EUSSER)
2002-present	American Physical Therapy Association San Gabriel Valley District, California Chapter Academy of Orthopaedic Physical Therapy, Member American Academy of Sports Physical Therapy, Member Shoulder Special Interest Group, Member
7/09-7/10	Assembly Representative, Elected San Gabriel Valley District, California Chapter
7/08-7/10	American Physical Therapy Association Continuing Education Committee, Appointed San Gabriel Valley District, California Chapter
7/07-7/09	American Physical Therapy Association Nominating Committee, Elected San Gabriel Valley District, California Chapter
	American Physical Therapy Association
2004	Physical Therapy Multicultural Leadership Alliance Division of Biokinesiology and Physical Therapy University of Southern California
2003	Student Delegate Representative Greater Los Angeles District, California Chapter American Physical Therapy Association
2002-2004	Student APTA Class Representative Division of Biokinesiology and Physical Therapy University of Southern California American Physical Therapy Association
2002-2004	APTA Student Liaison, Student Assembly American Physical Therapy Association
2003-2006, 2011	American Academy of Orthopedic Manual Physical Therapists

2004-2011 National Strength and Conditioning Association

2007-2008 Performing Arts Medical Association

### Licenses & Certifications

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

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

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

12/09-present Emergency Medical Response Certification, American Red Cross

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

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

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

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

## II. SCHOLARLY ACTIVITY

### Peer-Reviewed Publications

1. Zipser MC, **Sum JC**, Wilcox A. *Little leaguer's shoulder*. J Orthop Sports Phys Ther. 2018;48(1):51.
2. 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.
3. Wu B, Lorenzana D, Badash I, Berger M, Lane C, **Sum JC**, Hatch GH, Schroeder ET. *Perioperative testosterone supplementation increases lean mass in health men undergoing anterior cruciate ligament reconstruction: a randomized controlled trial*. Orthop J Sports Med. 2017;5(8):1-9.
4. 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.
5. 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.
6. 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.
7. Riva SS, **Sum JC**, Hatch GH. *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.
  8. 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.
  9. 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).
  10. 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.
  11. **Sum JC**, Omid R. *Superior labrum anterior to posterior tear.* J Orthop Sports Phys Ther. 2012;42(12):1050.
  12. **Sum JC**, Hatch GF. *Osteochondritis Dissecans.* J Orthop Sports Phys Ther. 2011;41(10):797.
  13. 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.
  14. 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.

#### **Research Publications / Presentations at Scientific Meetings (abstracts)**

1. 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.
2. 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.
3. 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.
4. 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.
5. 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.
6. 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.
7. 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.
8. **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.

9. **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.
10. 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.
11. 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.
12. **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.
13. 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.
14. 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.
15. **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.
16. **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.
17. 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 swimmer.* Poster presentation, USC Division of Biokinesiology and Physical Therapy Jacqueline Perry Research Day, Los Angeles, California, Apr 14, 2016.
18. 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 swimmer.* Poster presentation, USC Ostrow School of Dentistry Research Day, Los Angeles, California, Mar 9, 2016.
19. 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.
20. 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.* Poster presentation, Combined Sections Meeting, American Physical Therapy Association, Anaheim, California, Feb 18, 2016.
21. **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.
22. 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.
23. 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.

24. 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.
25. 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.
26. **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.
27. **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.
28. **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.
29. **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.
30. 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.
31. 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.
32. **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.
33. **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.
34. **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.
35. **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.
36. 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.
37. 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.
38. **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.
39. **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.

40. **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.

### Journal Papers Reviewed

- 2020 Journal of Shoulder and Elbow Surgery (1)  
2016 International Journal of Sports Physical Therapy  
2012 Journal of Orthopedic and Sports Physical Therapy  
2011 Journal of Orthopedic and Sports Physical Therapy

### Grant Funding

- 2017 *Risk Factors Associated with Upper Extremity Injuries in Baseball*  
PI: Michener LA; Co-I: Plummer H, Li B, **Sum JC**  
Major League Baseball Research Grant: \$47,677 funded
- 2015 *Rehabilitation of Patients with Full-thickness Rotator Cuff Tears: Planning and Pilot Study for Feasibility and Efficacy*  
PI: Michener LA; Co-I: **Sum JC**, McNeill BT, Pozzi F, Plummer H.  
Private Donor: \$500,000+ funded
- 2012 *The Effects of Acute Testosterone Administration in Men on Muscle Mass, Strength, and Physical Function Following ACL Reconstructive Surgery*  
PI: Schroeder ET; Co-I: **Sum JC**, Wu B, Diaz A, Hatch GF, Bhasin S  
Sandy Kirkley Clinical Outcome Research Grant: \$19,500 funded  
American Orthopedic Society for Sports Medicine  
Southern California Clinical and Translational Science Institute: \$30,000 funded  
Division of Biokinesiology and Physical Therapy: \$15,000 funded

### Invited Lectures/ Keynote Addresses/ Media Appearances

- 10/17/19 Combined Panel Discussion: Return to Sports for the Throwing Athlete  
Invited Expert Panelist  
2019 American Society of Shoulder and Elbow Therapists Annual Meeting  
New York, New York  
Moderator: W. Benjamin Kibler, MD  
Samer S. Hasan MD; Felix H. (Buddy) Savoie MD; John E. (Jed) Kuhn MD;  
Rebecca N. Dickinson PT, DPT; Aaron D. Sciascia PhD, LAT, ATC, PES;  
**Jonathan C. Sum, PT, DPT, OCS, SCS**
- 10/25/18 Physical Therapy...Personalized  
Invited Lecturer  
2018 Research Coordinators Education  
Keck School of Medicine  
University of Southern California
- 9/18/18 Physical Therapy in Pain Management  
Invited Lecturer  
2018-19 USC Pain Management Lecture Series for Pain Fellows  
Keck School of Medicine  
University of Southern California



- 3/1/18 Musician and Injuries Interview  
PE for Musicians Blog with Karen Hall  
<http://peformusicians.com/blog/interview-with-dr-jonathan-sum-dpt-ocs-scs-physician-at-usc-musician-rehabilitation>
- 1/9/18 Physical Therapy in Pain Management  
Invited Lecturer  
2017-18 USC Pain Management Lecture Series for Pain Fellows  
Keck School of Medicine  
University of Southern California
- 12/8/17 Rehabilitation Tricks for the Unstable Shoulder  
Invited Faculty, Shoulder Surgery  
2017 Orthopedic Summit Evolving Techniques  
Las Vegas, Nevada
- 12/9/17 Postoperative Rehab of the Throwing Athlete: What I've Learned in 12 Years  
Invited Faculty, Advanced Practitioner Summit  
2017 Orthopedic Summit Evolving Techniques  
Las Vegas, Nevada
- 12/9/17 Advanced Practitioner Summit: Case Presentations  
Invited Faculty Panel Member  
2017 Orthopedic Summit Evolving Techniques  
Las Vegas, Nevada  
Moderator: Ellen Shanley, PhD, PT, OCS  
Todd S. Ellenbecker, PT, DPT, MS; Spero G. Karas, MD;  
W. Benjamin Kibler, MD; Dirk Jacob Kokmeyer, PT, DPT, SCS, COMT;  
J. Martin Leland III, MD; Bradford O. Parsons, MD;  
**Jonathan C. Sum, PT, DPT, OCS, SCS**
- 10/24/17 Interview with USC Annenberg Media  
*Triple digit heat doesn't stop Dodgers fans from watching the game*  
<http://www.uscannenbergmedia.com/2017/10/24/triple-digit-heat-doesnt-stop-dodgers-fans-from-watching-the-game/>
- 10/4/17 Interview with USC Press Room  
*The final stretch: MLB postseason puts players' endurance to the test*  
<https://pressroom.usc.edu/the-final-stretch-mlb-postseason-puts-players-endurance-to-the-test/>
- 7/25/17 Interview with Los Angeles Times  
*There still is no timetable for Clayton Kershaw's return to the mound for the Dodgers.* Bill Skaikin, Los Angeles Times, National Baseball Reporter  
<http://www.latimes.com/sports/dodgers/la-sp-dodgers-report-20170725-story.html>
- 1/22/15 Interview on The Drive with George Wrihster and Brett Winterble,  
The Beast 980, KFWB 980 AM  
Topic: Kobe Bryant tears his rotator cuff  
<http://kfwbam.com/audio/the-drive-with-george-wrihster-and-brett->

[winterble/](#)

- 3/6/14 Interview on Airtalk with Larry Mantle, KPCC 89.3 FM  
Topic: Are CrossFit workouts too dangerous for the average person?  
<http://www.scpr.org/programs/airtalk/2014/03/06/36346/are-crossfit-workouts-too-dangerous-for-the-averag/>
- 1/9/14 Interview on KABC 7: Fitness Coach Lori Corbin  
Topic: Cheerleading Injuries  
<http://abclocal.go.com/kabc/video?id=9388202#.UxjbgD-72lY.gmail>
- 11/20/13 Repetitive Overuse Injuries in Youth  
Invited Lecturer  
Partnership for Awareness  
San Marino, California
- 9/13, 9/14, 8/15, 8/16, 8/17 Pitching Mechanics/Legs and Trunk/Throwing by Positions  
Invited Lecturer  
Far East Baseball Exchange Program  
University of Southern California
- 11/6/13 Interview on KABC 7: Fitness Coach Lori Corbin  
Topic: Swimmer's Shoulder  
<http://abclocal.go.com/kabc/video?id=9316329>
- 11/13/12 Today in PT magazine article  
*Great Pains* by Stephanie Stephens  
Cited in print as expert opinion on Fibromyalgia
- 10/12 Dynamic Scapular Assessment  
Invited Lecturer  
Orthopedic Residency Reunion Meeting  
USC Division of Biokinesiology & Physical Therapy  
University of Southern California
- 10/11 Kinesiology Majors Club Career Information Meeting  
Invited Lecturer  
Department of Kinesiology, College of Health and Human Development  
California State University, Northridge
- 4/11 Pre-Health Week 2011  
Guest Panelist  
Pre-Health Advisement Office  
Dornsife College of Letters, Arts & Science  
University of Southern California
- 7/09 Orthopedic Functional Outcomes  
Invited Lecturer  
San Gabriel Valley District Meeting, California Chapter  
American Physical Therapy Association

3/07 Musculoskeletal Disorders of the Musician  
Invited Lecturer  
Music Education Department, Thornton School of Music  
University of Southern California

10/09, 3/08, 3/07, 4/06 Kinesiology Club Career Information Meeting  
Invited Lecturer  
Dornsife College of Letters, Arts, & Science  
University of Southern California

**University Courses Developed & Taught**

Begins Spring 2021 Course Co-Director  
PAIN 720 Physical & Occupational Therapies (1 unit)  
Spring Semester, Year 3  
Program: Masters in Pain Medicine  
This course discusses different Physical and Occupational Therapy techniques  
for assessing and treating chronic pain  
Keck School of Medicine/Ostrow School of Dentistry  
University of Southern California

10/20-present Course Instructor  
PT 606 Clinical Imaging  
(2 units per semester, 12 students per section, taught 2 sections)  
Division of Biokinesiology and Physical Therapy  
University of Southern California

8/20-present Immersion Course Faculty  
PT 640a Integrated Patient Management Clinical Skills  
(3 units per semester, 6-10 students per section, 24 sections)  
Division of Biokinesiology and Physical Therapy  
University of Southern California

6/20 – present Course Instructor  
PT 642a Integrated Patient Management, Fall Semester  
(5 units per semester, 24 students per section, taught 2 sections)  
Division of Biokinesiology and Physical Therapy  
University of Southern California

5/20 – present Hybrid Lead  
PT 561e Evidence in Physical Therapist Practice – Health Systems  
(2 units, 12 students per section, taught 2 sections)  
Division of Biokinesiology and Physical Therapy  
University of Southern California

1/20 – present Course Instructor  
PT 566 Disorders of the Musculoskeletal System  
(4 contact hours per semester, 3 units, 95 graduate/professional students)  
Division of Biokinesiology and Physical Therapy  
University of Southern California

- 11/17 – present      Guest Lecturer / Guest Laboratory Instructor  
Knee Module, Fall semester & Spring semester  
PT 630 Integrated Patient Management Clinical Skills  
(4 contact hours per semester, 4 units, 96 graduate/professional students)  
Division of Biokinesiology and Physical Therapy  
University of Southern California
- 4/09 - present      Lead Lecturer / Lead Laboratory Instructor  
Shoulder Module Coordinator  
PT 621 Clinical Management of the Patient with Musculoskeletal Dysfunction  
(10 contact hours per spring semester, 5 units, 96 graduate/professional students)  
Division of Biokinesiology and Physical Therapy  
University of Southern California
- 10/08 - present      Lead Lecturer / Lead Laboratory Instructor  
Shoulder Module Coordinator  
PT 521 Basics of Patient Management  
(9.5 contact hours per fall semester, 4 units, 96 graduate/professional students)  
Division of Biokinesiology and Physical Therapy  
University of Southern California
- 7/14 - present      Lead Lecturer / Laboratory Instructor  
Pediatric/Adolescent Sports Module Co-Coordinator  
PT 529 Lifespan Motor Control  
(6 contact hours per spring semester, 3 units, 96 graduate/professional students)  
Division of Biokinesiology and Physical Therapy  
University of Southern California
- 11/17 – present  
2/06-5/13      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

**Continuing Education Teaching/Presentations**

- 2019 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 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 USC Shoulder Update 2018  
Rehabilitation Following Superior Capsular Reconstruction (0.3 contact hours)  
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 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 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  
3/22/14 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 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 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 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 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

### **III. ACADEMIC, ADMINISTRATIVE & SERVICE ACTIVITIES**

#### **Committee Activities**

- 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

#### **Mentoring**

- 7/19-present Associate Fellowship Mentor  
Upper Extremity Elite Athlete Physical Therapy Fellowship  
Division of Biokinesiology and Physical Therapy  
University of Southern California
- 2/06-present Clinical Instructor  
Research Hybrid Affiliation  
USC Physical Therapy - HSC  
Los Angeles, California

- 10/09-present Associate Residency Mentor  
Orthopedic Physical Therapy Residency  
Sports Physical Therapy Residency  
Division of Biokinesiology and Physical Therapy  
University of Southern California
- 9/09-present DPT Program Student Mentor  
Mentoring Program, Division of Biokinesiology and Physical Therapy  
University of Southern California
- 7/11-present Physician Fellowship Mentor  
Rheumatology Fellowship, USC Department of Rheumatology  
University of Southern California
- 4/09-present Physician Fellowship Mentor  
Pain Fellowship, USC Pain Center, USC Department of Anesthesiology  
University of Southern California
- 8/05-2/06 Clinical Instructor  
Physiotherapy Associates Scottsdale Sports Clinic  
Scottsdale, Arizona

**Community Activities / Outreach**

- 3/10-present Los Angeles Angels Baseball Club  
Cactus League Spring Training Physicals  
Tempe, Arizona
- 2012-present East Los Angeles College Athletic Department Pre-Participation Physicals  
Monterey Park, California
- 2016-present B1 Baseball Academy Screening Program  
Consultant (unpaid)  
South Pasadena, California
- 2014-2016 San Marino High School Baseball Screening Program  
San Marino, California

**Consulting Activities / Financial Disclosures**

- 2019 Theragun LLC  
Provider Referral Network Member
- 2015 Hygieia Medical Equipment LLC  
Advisory Board Member
- 2007 G2 Fitness, Development of exercise equipment