

MELISSA M. MONTGOMERY, PhD, ATC

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EDUCATION

- **University of North Carolina at Greensboro, Greensboro NC**
Degree Earned: Doctor of Philosophy May 2011
Program: Kinesiology with concentration in Applied Neuromechanics
Dissertation: *The Effect of Lean Body Mass and Strength on Lower Extremity Energy Absorption Strategies During Landing*
- **University of the Pacific, Stockton CA**
Degree Earned: Master of Arts August 2005
Program: Sport Sciences with emphasis in Sport Management
- **University of Tennessee, Knoxville TN**
Degree Sought: Master of Science August 2002 - May 2003
Program: Sports Medicine with emphasis in Biomechanics
- **University of the Pacific, Stockton CA**
Degree Earned: Bachelor of Arts May 2001
Major: Sport Sciences with emphasis in Athletic Training

PROFESSIONAL EXPERIENCE

- **Associate Professor and Director, Master of Science in Athletic Training (MSAT) program** July 2023 - present
California State University, Fullerton; Fullerton, CA
College of Health and Human Development; Department of Kinesiology
Responsibilities: Instruct courses in the Department of Kinesiology and specifically, in the MSAT program. Ensure compliance with the CAATE standards for accreditation. Day-to-day operation, program planning and assessment, curriculum development, establishing program policies and procedures, student advising and prospective student recruitment. Coordinate courses and lecturers for MSAT and undergraduate sports medicine-related KNES courses. Engage in scholarly activity and provide service to the department, college, university, and profession of athletic training.
- **Associate Professor and Co-Coordinator of Clinical Education** August 2019 - December 2023
- **Assistant Professor and Co-Clinical Education Coordinator** August 2015 - 2019
California State University, Fullerton; Fullerton, CA
College of Health and Human Development; Department of Kinesiology
Responsibilities: Instruct courses in the Department of Kinesiology and specifically, in the Master of Science in Athletic Training Program (MSAT; est. 2019), accredited by the Commission on Accreditation of Athletic Training Education (CAATE). Along with the Program Director, ensure compliance with the CAATE standards for accreditation. Coordinate student experiences during the clinical education component of the program. Supervise on- and off-campus clinical preceptors to ensure compliance with policies and procedures and that clinical rotation objectives are being met. Engage in scholarly activity and provide service to the department, college, university, and profession of athletic training.

- **Assistant Professor* and Clinical Education Coordinator** August 2011 - 2015
 California State University, Northridge; Northridge, CA
 College of Health and Human Development; Department of Kinesiology
 Responsibilities: Instruct courses in the Department of Kinesiology and specifically, in the CAATE-accredited ATP. Along with the Program Director, ensure compliance with the CAATE standards for accreditation. Coordinate student experiences during the clinical education component of the ATP. Supervise on- and off-campus clinical instructors to ensure that policies and procedures are followed and that clinical rotation objectives are being met. Engage in scholarly activity and provide service to the department, college, university, and profession of athletic training.
 * Promoted to Associate Professor, effective August 2015.
- **Collaborative Researcher** January 2012- present
 Athletes' Research Institute, Chapel Hill, NC
 Responsibilities: Contribute to concept and design of research studies to assess outcomes of soccer-specific training programs. Acquire and analyze quantitative data related to age, maturational state, skill level, and intrinsic factors related to injury risk.
- **Doctoral Research Assistant** July 2007-June 2011
 University of North Carolina at Greensboro, Greensboro, NC
 Assisted in all aspects of the research process for funded and non-funded projects performed in the Applied Neuromechanics Research Laboratory. Duties include day-to-day operations of the lab as well as various research responsibilities assigned by lab directors, including pilot testing, subject recruitment, data collection, data reduction and assistance with data analysis and manuscript preparation. Also responsible for mentoring undergraduate research assistants and assisting with course instruction for the entry-level Master of Science in Athletic Training (MSAT) program.
- **AT Program Clinical Coordinator and Lecturer** August 2006 - June 2007
 University of the Pacific, Stockton, CA
 Coordinated clinical education component of the ATP for undergraduate athletic training students. Administrative duties also included assistance in preparation of the self-study document for program re-accreditation by CAATE. Also responsible for instructing 3 courses per semester, including "Therapeutic Modalities", "Therapeutic Exercise", "Care and Prevention of Athletic Injuries" and practicum courses for 1st-4th semester clinical ATEP students.
- **Assistant Athletic Trainer** June 2003 - June 2007
 University of the Pacific, Stockton, CA
 Assisted in providing athletic training services to Women's Soccer team during the competitive season. Responsibilities included various day-to-day athletic training responsibilities and sport-specific rehabilitation. Provided primary care to soccer athletes during off-season.
- **Teaching Assistant** August 2005 - May 2006
 University of the Pacific, Stockton, CA August 2001 - May 2002
 Assisted in ATP course instruction, including "Therapeutic Modalities", "Therapeutic Exercise" and practicum courses.
- **Assistant Women's Soccer Coach** June 2003 - Dec 2006
 University of the Pacific, Stockton, CA
 Trained goalkeepers and defenders in a competitive NCAA Division I intercollegiate program. Planned and administered fitness program during team training. Coordinated recruitment of prospective student-athletes, monitoring academic success of student-athletes. Also responsible for various administrative tasks and community outreach programs.

- **Graduate Assistant Athletic Trainer** June 2002 - June 2003
University of Tennessee, Knoxville, TN
Primary athletic trainer for women's softball. Performed daily administrative tasks for the Lady Vols Athletic Training student assistant program and coordinated the organization and teaching of weekly student in-services and meetings.
- **Athletic Training Education Program Intern** June 2001 - June 2002
Dept. of Sport Sciences; University of the Pacific, Stockton, CA
Assisted the ATEP Director in the process of transitioning the athletic training internship program to meet the standards for initial program accreditation by CAAHEP. Developed documentation for the clinical component of the ATP and assisted in preparation of the self-study document. Also served as Teaching Assistant for various courses.
- **Athletic Training Intern** August 2001 - June 2002
Dept. of Intercollegiate Athletics; University of the Pacific, Stockton, CA
Primary athletic trainer for the Division I Women's Field Hockey team. Other responsibilities include coordinating medical services for NCAA Men's Basketball Tournament 1st and 2nd Rounds at Arco Arena in Sacramento, CA.
- **Head Athletic Trainer** January 2000 - June 2005
California Storm, Sacramento, CA
Provided athletic training care for women's semi-professional soccer team competing in the Women's Premier Soccer League (WPSL). Responsibilities included providing patient care during training and matches, and coordinating home care following injury.

RESEARCH ACTIVITIES ([ORCID: 0000-0002-0394-3042](#))

Peer Reviewed Publications (* indicates student researcher)

1. Pamukoff DN, Holmes SC*, Heredia CE*, Shumski EJ*, Garcia SA*, **Montgomery MM**. (In Press). Cartilage deformation following a walking bout in individuals with anterior cruciate ligament reconstruction. *Journal of Orthopaedic Research*. Accepted for publication on 9/20/2023. doi: <http://doi.org/10.1002/jor.25694>
2. **Montgomery MM** & Carranza S*. (2023). Changes in performance on common return to sport tests during a collegiate women's soccer season: Implications for baseline testing. *Sports Health*. 15(6): 781-787. doi: <https://doi.org/10.1177/19417381221146556>
3. Dennis JD*, Choe KH*, **Montgomery MM**, Lynn SK, Crews BM*, Pamukoff DN. (2023). Lower extremity coordination strategies to mitigate dynamic knee valgus during landing in males and females. *Journal of Biomechanics*. 156 (July): 111689. doi: <https://doi.org/10.1016/j.jbiomech.2023.111689>
4. Holmes SC*, Lynn SK, **Montgomery MM**, Pamukoff DN. (2023). Association between hip muscle strength and foot progression angle during gait in men and women. *Journal of Electromyography and Kinesiology*. 68(Feb): 102723. doi: <https://doi.org/10.1016/j.jelekin.2022.102723>
5. Gardner LM*, Kasamatsu TM, **Montgomery MM**. (2022). Athletic trainers' perceptions of patient reported outcomes after completing a clinic-wide implementation program. *International Journal of Athletic Therapy and Training*. 27(6): 298-305. doi: <https://doi.org/10.1123/ijatt.2020-0081>
6. Pamukoff DN, Holmes SC*, Heredia CE*, Gonzales C*, Shumski EJ*, **Montgomery MM**. (2022). Association between the Functional Movement Screen and landing kinematics in individuals with and without anterior cruciate ligament reconstruction. *Journal of Sport Rehabilitation*. 31(7): 842-848. doi: <https://doi.org/10.1123/jsr.2021-0345>
7. Mitchell PK*, Moffit TJ, **Montgomery MM**, Pamukoff DN. (2022). Running kinetics and femoral trochlea cartilage characteristics in recreational and collegiate distance runners. *Journal of Sports Sciences*. 40(1): 89-95. doi: <https://doi.org/10.1080/02640414.2021.1976492>
8. **Montgomery MM** & Tritsch AJ. (2021). Comparison of lower extremity lean mass between multi-frequency bioelectrical impedance analysis and dual-energy X-ray absorptiometry in athletic college-aged men and women. *Athletic Training and Sports Health Care*. 13(2): 68-74. doi: [10.3928/19425864-20191024-01](https://doi.org/10.3928/19425864-20191024-01)
9. Moffit TJ*, **Montgomery MM**, Lockie RG, Pamukoff DN. (2020). The association between hip and knee extensor strength and running-related injury biomechanics in collegiate distance runners. *Journal of Athletic Training*. 55(12): 1262-1269. doi: [10.4085/1062-6050-0532.19](https://doi.org/10.4085/1062-6050-0532.19)

10. Garcia SA*, Moffit TJ*, Vakula MN*, Holmes SC*, **Montgomery MM**, Pamukoff DN. (2020). Quadriceps muscle size and quality predict self-reported function in individuals with anterior cruciate ligament reconstruction. *Journal of Athletic Training*. 55(3): 246-254. doi: [10.4085/1062-6050-38-19](https://doi.org/10.4085/1062-6050-38-19)
11. Gonzales JM*, Galpin AJ, **Montgomery MM**, Pamukoff DN. (2019). Comparison of lower limb muscle architecture and geometry in distance runners with rearfoot and forefoot strike pattern. *Journal of Sport Sciences*. 37(19): 2184-2190. doi: [10.1080/02640414.2019.1626050](https://doi.org/10.1080/02640414.2019.1626050)
12. Pamukoff DN, **Montgomery MM**, Choe KH*, Moffit TJ*, Garcia SL*, Vakula MN*. (2018). Bilateral alterations in running mechanics and quadriceps function following unilateral anterior cruciate ligament reconstruction. *Journal of Orthopaedic and Sport Physical Therapy*. 48(12): 960-967. doi: [10.2519/jospt.2018.8170](https://doi.org/10.2519/jospt.2018.8170)
13. Deguzman L*, Flanagan SP, Stecyk SD, **Montgomery MM**. (2018). The immediate effects of self-administered proprioceptive neuromuscular facilitation, foam rolling, and dynamic warm-up on hamstring tightness. *Athletic Training and Sports Healthcare*. 10(3): 108-116. doi: [10.3928/19425864-20171101-07](https://doi.org/10.3928/19425864-20171101-07)
14. Pamukoff DN, **Montgomery MM**, Choe KH*, Moffit TJ*, Vakula MN*. (2018). The effect of whole body vibration on jogging kinetics in individuals with anterior cruciate ligament reconstruction. *Archives of Physical Medicine and Rehabilitation*. 99: 973-80. doi: [10.1016/j.apmr.2017.11.019](https://doi.org/10.1016/j.apmr.2017.11.019)
15. Pamukoff DN, **Montgomery MM**, Holmes S*, Moffit TJ*, Garcia SL*, Vakula MN*. (2018). Association between gait mechanics and ultrasonographic measures of femoral cartilage thickness in individuals with ACL reconstruction. *Gait and Posture*. 65: 221-227. doi: [10.1016/j.gaitpost.2018.07.174](https://doi.org/10.1016/j.gaitpost.2018.07.174)
16. Pamukoff DN, **Montgomery MM**, Moffit TJ*, Vakula MN*. (2018). Quadriceps function and knee joint ultrasonography following ACL reconstruction. *Medicine and Science in Sports and Exercise*. 50(2): 211-217. doi: [10.1249/MSS.0000000000001437](https://doi.org/10.1249/MSS.0000000000001437)
17. Nottingham SL, **Montgomery MM**, Kasamatsu TM. (2017). Athletic training student active learning time with and without the use of bug-in-ear technology. *Athletic Training Education Journal*. 12(4): 225-233. doi: [10.4085/1204225](https://doi.org/10.4085/1204225)
18. Nottingham SL, Kasamatsu TM, **Montgomery MM**. (2017). Perceptions of athletic training student active learning experiences with and without the use of bug-in-ear technology. *Athletic Training Education Journal*. 12(4): 216-224. doi: [10.4085/1204216](https://doi.org/10.4085/1204216)
19. **Montgomery MM**, Marttinen RH, Galpin AJ. (2017). Comparison of body fat results from 4 bioelectrical impedance analysis devices vs. air displacement plethysmography in American adolescent wrestlers. *International Journal of Kinesiology and Sports Science*. 5(4): 18-25. doi: [10.7575/aiac.ijkss.v.5n.4p.18](https://doi.org/10.7575/aiac.ijkss.v.5n.4p.18)
20. **Montgomery MM**, Tritsch AJ, Cone JR, Schmitz RJ, Henson RA, Shultz SJ. (2017). Influence of lean mass on lower extremity biomechanics during prolonged exercise. *Journal of Athletic Training*. 52(8): 738-746. doi: [10.4085/1062-6050-52.5.03](https://doi.org/10.4085/1062-6050-52.5.03)
21. Shultz SJ, Schmitz RJ, Cone JR, Henson RA, **Montgomery MM**, Pye ML, Tritsch AJ. (2015). Changes in fatigue, multiplanar knee laxity, and landing biomechanics during intermittent exercise. *Journal of Athletic Training*. 50(5): 486-497. doi: [10.4085/1062-6050-49.5.08](https://doi.org/10.4085/1062-6050-49.5.08)
22. **Montgomery MM**, Shultz SJ, Schmitz RJ. (2014). The effect of equalizing task demands on lower extremity energy absorption. *Clinical Biomechanics*. 29(7): 760-766. doi: [10.1016/j.clinbiomech.2014.06.004](https://doi.org/10.1016/j.clinbiomech.2014.06.004)
23. Schmitz RJ, Cone JR, Tritsch AJ, Pye ML, **Montgomery MM**, Henson RA, Shultz SJ. (2014). Changes in drop jump landing biomechanics during prolonged intermittent exercise. *Sports Health: A Multidisciplinary Approach*. 6: 128-135. doi: [10.1177/1941738113503286](https://doi.org/10.1177/1941738113503286)
24. Shultz SJ, Schmitz RJ, Cone JR, Copple TJ, **Montgomery MM**, Tritsch AJ, Pye ML. (2013) Multi-planar knee laxity increases during a 90-minute intermittent exercise protocol. *Medicine and Science in Sports and Exercise*. 45(8): 1553-61. doi: [10.1249/MSS.0b013e31828cb94e](https://doi.org/10.1249/MSS.0b013e31828cb94e)
25. Wideman L, **Montgomery MM**, Levine BJ, Beynon BD, Shultz SJ. (2013) Accuracy of calendar based methods for assigning menstrual cycle phase in women. *Sports Health: A Multidisciplinary Approach*. 5: 143-149. doi: [10.1177/1941738112469930](https://doi.org/10.1177/1941738112469930)
26. **Montgomery MM**, Shultz SJ, Schmitz RJ, Wideman L, Henson RA. (2012) Influence of lean body mass and strength on landing energetics. *Medicine and Science in Sports and Exercise*. 44(12): 2376-83. doi: [10.1249/MSS.0b013e318268fb2d](https://doi.org/10.1249/MSS.0b013e318268fb2d)

27. Shultz SJ, Pye ML, **Montgomery MM**, Schmitz RJ. (2012). Associations between lower extremity muscle mass and multi-planar knee laxity and stiffness: A potential explanation for sex differences in frontal and transverse plane knee laxity. *American Journal of Sports Medicine*. 40(12): 2836-2844. doi: [10.1177/0363546512461744](https://doi.org/10.1177/0363546512461744)
28. Shultz SJ, Schmitz RJ, Tritsch AJ, **Montgomery MM**. (2012). Methodological considerations of task and shoe wear on joint energetics during landing. *Journal of Electromyography and Kinesiology*. 22(1): 124-30. doi: [10.1016/j.jelekin.2011.11.001](https://doi.org/10.1016/j.jelekin.2011.11.001)
29. Shultz SJ, Schmitz RJ, Kong Y, Dudley WN, Beynon BD, Nguyen AD, Kim HS, **Montgomery MM**. (2012). Cyclic variations in knee joint laxity profiles influence landing biomechanics. *Medicine and Science in Sports and Exercise*. 44(5): 900-9. doi: [10.1249/MSS.0b013e31823bfb25](https://doi.org/10.1249/MSS.0b013e31823bfb25)
30. Shultz SJ, Wideman L, **Montgomery MM**, Beasley KN, Nindl BC. (2012). Changes in serum collagen markers and IGF-I and knee joint laxity across the menstrual cycle. *Journal of Orthopaedic Research*. 30(9):1405-12. doi: [10.1002/jor.22093](https://doi.org/10.1002/jor.22093)
31. Shultz SJ, Wideman L, **Montgomery MM**, Levine BJ. (2011). Some sex hormone profiles are consistent over time in normal menstruating females: Implications for sports injury epidemiology. *British Journal of Sports Medicine*. 45: 735-742. doi: [10.1136/bjism.2009.064931](https://doi.org/10.1136/bjism.2009.064931)
32. Shultz SJ, Schmitz RJ, Nguyen AD, Levine BJ, Kim H, **Montgomery MM**, Shimokochi Y, Beynon BD, Perrin DH (2011). Knee joint laxity and its cyclic variation influence tibiofemoral motion during weight acceptance. *Medicine and Science in Sports & Exercise*. 43(2): 287-295. doi: [10.1249/MSS.0b013e3181ed118d](https://doi.org/10.1249/MSS.0b013e3181ed118d)
33. **Montgomery MM** & Shultz SJ (2010). Isometric knee extension and flexion torque production during early follicular and postovulatory phases in recreationally active women. *Journal of Athletic Training*. 45(6): 586-93. doi: [10.4085/1062-6050-45.6.586](https://doi.org/10.4085/1062-6050-45.6.586)
34. Shultz SJ, Levine BJ, Nguyen AD, Kim H, **Montgomery MM**, Perrin DH. (2010). A comparison of cyclic variations in anterior knee laxity, genu recurvatum and general joint laxity across the menstrual cycle. *Journal of Orthopaedic Research*. 28(11): 1411-7. doi: [10.1002/jor.21145](https://doi.org/10.1002/jor.21145)

Manuscripts Under Review (*indicates student researcher)

1. Goldenstein SJ, **Montgomery MM**, Schmitz RJ, Wideman L, Schmitz RJ, Shultz SJ. (Under review). Comparison of leg fat mass index and lean mass index in males and females stratified by BMI. Submitted to *Medicine and Science in Sports and Exercise* on 9/29/2023.
2. Dennis JD*, Choe KH*, **Montgomery MM**, Lynn SK, Crews BM*, Pamukoff DN. (Under review). Lower extremity and trunk sagittal plane coordination strategies and kinetic distribution during landing in males and females. Submitted to *Medicine and Science in Sport and Exercise* on 8/28/2023.

Peer-Reviewed Abstracts and Presentations (*indicates student researcher)

1. Touya CT*, Kasamatsu TM, **Montgomery MM** (2023). Non-surgical treatment of a proximal hamstring avulsion in a Major League Soccer Academy player. Poster presentation at 2023 Far West Athletic Trainers' Association Annual Meeting and Clinical Symposium.
2. Touya CT*, Kasamatsu TM, **Montgomery MM** (2023). Conservative treatment following a proximal hamstring avulsion in a Major League Soccer Academy player. Virtual Oral presentation at 2023 CSUF Health and Human Development Student Research Showcase.
3. Deguzman D*, Kasamatsu TM, **Montgomery MM** (2023). Rehabilitation of a male volleyball player with suprascapular nerve entrapment. Virtual Oral presentation at 2023 CSUF Health and Human Development Student Research Showcase.
4. Dennis JD*, Choe KH*, **Montgomery MM**, Lynn SK, Crews BM*, Pamukoff DN (2023). Sagittal plane coordination strategies to mitigate knee loading during landing between males and females. Poster presentation at 2023 American Society of Biomechanics Annual Meeting.
5. Shultz SJ, **Montgomery MM**, Schmitz RJ, Wideman L. (2023). The Influence of gynoid fat percentage on sex hormone levels and knee laxity. Presented at 2023 Orthopaedic Research Society Annual Meeting.
6. Dennis JD, Choe KH, **Montgomery MM**, Lynn SK, Crews BM, Pamukoff DN. Lower extremity coordination strategies to mitigate dynamic knee valgus during landing in males and females. *Medicine and Science in Sport and Exercise*. 55(9S): 573-574. Poster presentation at 2023 American College of Sports Medicine Annual Meeting.

7. Pamukoff DN, Holmes SC, Heredia CE, Shumski EJ, Garcia SA, **Montgomery MM**. Cartilage Deformation Following A Walking Bout In Individuals With Anterior Cruciate Ligament Reconstruction. *Medicine and Science in Sport and Exercise*. 55(9S): 873. Poster presentation at 2023 American College of Sports Medicine Annual Meeting.
8. Shultz SJ, **Montgomery MM**, Schmitz RJ, Wideman L. (2022). Comparison of leg fat mass index and lean mass index in males and females stratified by BMI. *Medicine and Science in Sport and Exercise*. 54(9S): 166. Poster presentation at 69th American College of Sports Medicine Annual Meeting.
9. **Montgomery MM**, Galpin AJ, Tsang KW. (2021). The effect of dynamic compression on recovery of performance and self-reported function after an intense bout of plyometric exercise. *Journal of Athletic Training*. 56(6s): S-300. Poster presentation at Virtual National Athletic Trainers' Association Annual Meeting and Clinical Symposia.
10. Pamukoff DN, Mitchell PK*, Moffit TJ, **Montgomery MM**. (2021). Association between running biomechanics and femoral cartilage characteristics in competitive and recreational runners. *Medicine and Science in Sport and Exercise*. 53(8S): 133. Poster presentation at 2021 American College of Sports Medicine Annual Meeting.
11. **Montgomery MM**, Galpin AJ, Tsang KW. (2020). The effect of dynamic compression on recovery of performance and self-reported function after an intense bout of plyometric exercise. Rapid fire oral presentation at Far West Athletic Trainers' Association Virtual Annual Meeting and Clinical Symposium.
12. Carranza S*, Monterone A*, **Montgomery MM**. (2020). Changes in performance on return-to-sport tests during a NCAA division I college women's soccer season. Rapid fire oral presentation at Far West Athletic Trainers' Association Virtual Annual Meeting and Clinical Symposium.
13. Gardner LM*, Kasamatsu TM, **Montgomery MM**. (2019). Athletic trainers' perceptions of patient reported outcomes integration. *Journal of Athletic Training*. 54(6s): S-23. Presented at 2019 National Athletic Trainer's Association Annual Meeting, Las Vegas NV.
14. Ha ML*, Kasamatsu TM, **Montgomery MM**, Marttinen RH. (2019). Perceptions & Experiences of faculty in higher education regarding the Return-to-School process following concussion. *Journal of Athletic Training*. 54(6s): S-23. Presented at 2019 National Athletic Trainer's Association Annual Meeting, Las Vegas NV.
15. Garcia SA*, Moffit TJ*, Vakula MN*, Holmes S*, **Montgomery MM**, Pamukoff DN. (2018). Dynamic quadriceps strength are associated with self-reported disability following ACL reconstruction. Presented at American College of Sports Medicine Annual Meeting, Minneapolis, MN.
16. Holmes S*, Garcia SA*, Moffit TJ*, Vakula MN*, **Montgomery MM**, Pamukoff DN. (2018). Quadriceps strength and landing symmetry following ACL reconstruction. Presented at American College of Sports Medicine Annual Meeting, Minneapolis, MN.
17. Moffit TJ*, Post BK*, **Montgomery MM**, Lockie RG, Pamukoff DN. (2018). Dynamic hip strength and footfall patterns in competitive distance runners. Presented at American College of Sports Medicine Annual Meeting, Minneapolis, MN.
18. Pamukoff DN, Moffit TJ*, Vakula MN*, Garcia SA*, Holmes SA*, **Montgomery MM**. (2018). Frontal plane knee mechanics during gait are associated with femoral cartilage thickness in females after ACL reconstruction. Presented at National Athletic Trainers' Association Clinical Symposia and AT Expo, New Orleans, LA.
19. Pamukoff DN, Moffit TJ*, Vakula MN*, Holmes S*, Garcia SA*, **Montgomery MM**. (2018). Sagittal plane gait mechanics are associated with femoral cartilage thickness after ACL reconstruction. Presented at American College of Sports Medicine Annual Meeting, Minneapolis, MN.
20. **Montgomery MM** & Roberts J. (2018). "Preparing students for graduate AT Programs: What is the role of high school, community college, and undergraduate athletic trainers?" Feature Session presentation at Far West Athletic Trainers' Association Annual Meeting, Las Vegas, NV.
21. **Montgomery MM**. (2018). "Strategies for matching a graduate program with your professional goals". AT Student Session presentation at Far West Athletic Trainers' Association Annual Meeting, Las Vegas, NV.
22. Barbee BA*, Batcheller MC*, **Montgomery MM**. (2018). Comparison of lower limb asymmetry during hop and change of direction tests in soccer and basketball. Presented at 2018 Far West Athletic Trainers' Association Annual Meeting, Las Vegas, NV.
23. Batcheller MC*, Barbee BA*, **Montgomery MM**. (2018). Relationships between lower limb asymmetry in strength, power, and cutting ability in Division Female Athletes. Presented at 2018 Far West Athletic Trainers' Association Annual Meeting, Las Vegas, NV.

24. Gardner LM*, **Montgomery MM**, Garcia SA*, Vakula MN*, Moffit TJ*, Holmes SA*, Pamukoff DN. (2018). Influence of concomitant meniscal injury on self-reported disability in individuals with ACL reconstruction. Presented at 2018 Far West Athletic Trainers' Association Annual Meeting, Las Vegas, NV.
25. **Montgomery MM** & Cone JR. (2017). "Managing Fitness for Return to Play". Feature Session presentation at National Athletic Trainers' Association Annual Meeting, Houston TX.
26. Pamukoff DN, Vakula MN*, Choe KH*, Moffit TJ*, **Montgomery MM**. (2017). Inter-limb comparison of knee mechanics during running following ACL reconstruction. *Journal of Athletic Training*. 52(6): S161. Presented at National Athletic Trainer's Association Annual Meeting, Houston TX.
27. Pamukoff DN, Vakula MN*, Moffit TJ*, Choe KH*, **Montgomery MM**. (2017). Impulsive loading during running following anterior cruciate ligament reconstruction. *Medicine and Science in Sport and Exercise*. 49(5): S266. Presented at American College of Sports Medicine 64th Annual Meeting, Denver, CO.
28. Moffit TJ*, **Montgomery MM**, Vakula MN*, Choe KH*, Pamukoff DN. (2017). Quadriceps function is associated with running kinetics post anterior cruciate ligament reconstruction. *Medicine and Science in Sport and Exercise*. 49(5): S267. Presented at American College of Sports Medicine 64th Annual Meeting, Denver, CO.
29. Nottingham SL, **Montgomery MM**, Lyons S. (2017). "Effective integration of evidence based practice: From classroom to clinic". Presented at Far West Athletic Trainers' Association Annual Meeting, Las Vegas, NV.
30. Pamukoff DN, Vakula MN*, Choe KH*, Moffit TJ*, **Montgomery MM**. (2017). "Ultrasonographic evaluation of femoral cartilage thickness following anterior cruciate ligament reconstruction". *Osteoarthritis and Cartilage*. 25(1): S261. Presented at Osteoarthritis Research Society International World Congress on Osteoarthritis, Las Vegas, NV.
31. Choe KH*, Vakula MN*, Moffit TJ*, Bringmann J*, **Montgomery MM**, Pamukoff DN. (2016). Inter-limb comparison of vastus lateralis architecture and geometry in individuals with unilateral ACL reconstruction. Presented at Southwest American College of Sports Medicine 36th Annual Meeting, Costa Mesa, CA.
32. Moffit TJ*, **Montgomery MM**, Vakula MN*, Choe KH*, Pamukoff DN. (2016). Influence of quadriceps strength on running kinetics in individuals with unilateral anterior cruciate ligament reconstructions. Presented at Southwest American College of Sports Medicine 36th Annual Meeting, Costa Mesa, CA.
33. Vakula MN*, Moffit TJ*, **Montgomery MM**, Choe KH*, Pamukoff DN. (2016). Association between quadriceps function and femoral cartilage thickness in individuals with anterior cruciate ligament reconstruction. Presented at Southwest American College of Sports Medicine 36th Annual Meeting, Costa Mesa, CA.
34. **Montgomery MM**, Caro M*. (2016). Bilateral comparison of lower extremity joint energetics during landing. *Journal of Athletic Training*. 51(6): S304. Presented at National Athletic Trainers' Association Clinical Symposia & AT Expo, Baltimore MD.
35. **Montgomery MM**. (2015). "ACL Injury Risk Factors and the Influence of Body Composition on Lower Extremity Neuromechanics". Feature Presentation at Far West Athletic Trainers' Association Annual Meeting, San Diego CA.
36. Caro M*, Behjoo B*, **Montgomery MM**. (2015). Bilateral comparison of lower extremity joint energetics during landing. Presented at Far West Athletic Trainers' Association Annual Meeting, San Diego CA.
37. **Montgomery MM** & Caro M*. (2015). The influence of lean mass and strength on muscle activation strategies during landing. *Journal of Athletic Training*. 50(10): 1106-1107. Presented at ACL Research Retreat VII, Greensboro NC.
38. **Montgomery MM** & Tritsch AJ. (2014). The influence of trunk mass on hip biomechanics during landing. Presented at 2014 Far West Athletic Trainers' Association Annual Meeting, Las Vegas NV
39. **Montgomery MM**, Shultz SJ, Schmitz RJ. (2013). The effect of equalizing task demands according to sex differences in lower extremity lean mass during landing. *Journal of Athletic Training*. 48(3): S164. Presented at National Athletic Trainers' Association Annual Meeting, Las Vegas NV.
40. Sheldon AM* & **Montgomery MM**. (2013). Comparisons of performance on a clinical test of reaction time between sport and sex. *Journal of Athletic Training*. 48(3): S189. Presented at National Athletic Trainers' Association Annual Meeting, Las Vegas NV.
41. Tritsch AJ, **Montgomery MM**, Cone JR, Schmitz RJ, Shultz SJ. (2013). Effect of body composition and performance during an exercise challenge. *Journal of Athletic Training*. 48(3): S161. Presented at National Athletic Trainers' Association Annual Meeting, Las Vegas NV.

42. **Montgomery MM**, Shultz SJ, Schmitz RJ. (2013). The effect of equalizing task demands according to sex differences in lower extremity lean mass during landing. Presented at Far West Athletic Trainers' Association Annual Meeting, Sacramento CA.
43. Sheldon AM* & **Montgomery MM**. (2013). Comparisons of performance on a clinical test of reaction time between sport and sex. Presented at Far West Athletic Trainers' Association Annual Meeting, Sacramento CA.
44. **Montgomery MM**, Schmitz RJ, Shultz SJ (2012). Influence of lean mass on lower extremity biomechanics during a prolonged exercise bout. *Medicine and Science in Sports and Exercise*. 44(5): 635. Presented at American College of Sports Medicine 59th Annual Meeting, San Francisco CA.
45. Shultz SJ, Schmitz RJ, Cone JR, Tritsch AJ, **Montgomery MM**, Pye ML, Copple TJ, Henson RA (2012). The Effects of Exercise Induced Increases in Knee Joint Laxity on Knee Joint Biomechanics during a 90-minute Intermittent Exercise Protocol. Presented at NFL Physicians Society Annual Meeting, Indianapolis IN.
46. **Montgomery MM**, Shultz SJ, Schmitz RJ (2011). Relationships between various muscle contraction types and eccentric work during landing. *Journal of Athletic Training*. 46(3): S124. Presented at 2011 National Athletic Trainers' Association Annual Meeting, New Orleans LA.
47. Shultz SJ, Wideman L, **Montgomery MM**, Beasley KN, Nindl BC (2011). Changes in serum collagen markers and IGF-I and knee joint laxity across the menstrual cycle. Presented at American College of Sports Medicine 58th Annual Meeting, Denver CO.
48. Shultz SJ, Schmitz RJ, Kong Y, Dudley WN, Beynon BD, Nguyen AD, Kim HS, **Montgomery MM**, Perrin DH (2011). Cyclic variations in knee joint laxity profiles influence landing biomechanics. Presented at 57th Annual Meeting of the Orthopedic Research Society, Long Beach CA.
49. **Montgomery MM**, Schmitz RJ, Shultz SJ. (2010). Comparisons of sagittal plane knee biomechanics in males and females during a cutting task when relative demands are controlled. *Journal of Athletic Training*. 45(3): S49. Presented at National Athletic Trainers' Association Annual Meeting, Philadelphia.
50. Shultz SJ, Schmitz RJ, Nguyen AD, Levine BJ, Kim HS, **Montgomery MM**, Shimokochi Y, Beynon BD, Perrin DH. (2010). Absolute baseline and cyclic variations in knee laxity are related to anterior tibial translation when transitioning from non-weight bearing to weight bearing. *Journal of Athletic Training*. 45(3): S27. Presented at National Athletic Trainers' Association Annual Meeting, Philadelphia PA.
51. Tritsch AJ, **Montgomery MM**, Schmitz RJ, Shultz SJ. (2010). Comparisons of energy absorption strategies during a terminal vs. non-terminal landing task. *Journal of Athletic Training*. 45(3): S113. Presented at National Athletic Trainers' Association Annual Meeting, Philadelphia PA.
52. Wideman L, **Montgomery MM**, Levine BJ, Shultz SJ. (2010). The accuracy of generalized methods for assigning menstrual cycle phase in young college-aged women. Presented at American College of Sports Medicine 57th Annual Meeting, Baltimore MD.
53. **Montgomery MM** & Shultz SJ. (2009). Isometric thigh muscle torque does not change from early follicular to post-ovulatory phases in recreationally-active females. Presented at American College of Sports Medicine 56th Annual Meeting, Seattle WA.
54. **Montgomery MM**, West SA, Pond CJ. (2001). The effect of magnetic insoles on vertical jump in male collegiate volleyball players. *Journal of Athletic Training*. 36(2): S44. Presented at National Athletic Trainers' Association Annual Meeting, Anaheim CA.

Research Support

- "Comparison of Bioelectrical Impedance devices with Dual-energy X-ray Absorptiometry and Air Displacement Plethysmography for Assessing Lower Extremity Lean Mass"
 - *Principal Investigator*: MM Montgomery (\$18,500 donation)
 - *Agency*: InBody USA
 - *Aim*: To compare lower extremity and total body lean mass measurements made with various bioelectrical impedance devices compared to dual-energy x-ray absorptiometry and air displacement plethysmography.

- “The Effect of Dynamic Compression on Subjective and Objective Measures of Recovery following Intense Exercise”
 - *Principal Investigator:* MM Montgomery (\$3,000)
 - *Agency:* Far West Athletic Trainers’ Association
 - *Aim:* To examine the efficacy of pulsed dynamic compression in reducing pain and aiding in recovery of performance outcomes after an intense bout of lower extremity plyometric exercises, using both patient-reported outcomes and objective measurements.
 - *Role:* PI; supervise and mentor graduate student Co-PI (RD Harris) through all aspects of the study, including design, data collection, data analysis, and preparation of abstract and planned manuscript. Supervise and mentor Co-PI graduate student researcher (RD Harris) through all aspects of the study.
- “Validation of Body Composition Assessment by Bioelectrical Impedance vs. Air Displacement Plethysmography in High School Wrestlers”
 - *Principal Investigators:* MM Montgomery, AJ Galpin, RH Marttinen. (\$30,000 donation)
 - *Agency:* National Wrestling Coaches’ Association (NWCA) and National Federation of State High School Associations (NFHS)
 - *Aim:* To evaluate the validity of 4 bioelectrical impedance instruments against the gold standard of air displacement plethysmography for assessing body composition in high school wrestlers.
 - *Role:* Co-PI; Primary lead on project, including concept and design, data collection and analysis; preparation of manuscript, and response to reviewers.
- “The Effect of Peristaltic Pulse Dynamic Compression on Subjective and Objective Measures of Recovery following Intense Exercise”
 - *Principal Investigator:* RD Harris (\$4,060; not funded)
 - *Agency:* Far West Athletic Trainers’ Association
 - *Aim:* To examine the efficacy of peristaltic pulse dynamic compression in reducing pain and aiding in recovery of performance outcomes after an intense bout of lower extremity plyometric exercises, using both patient-reported outcomes and objective measurements.
 - *Role:* Co-PI; supervise and mentor undergraduate researcher (RD Harris) through all aspects of the study, including design, data collection, data analysis and interpretation, and preparation of abstract and planned manuscript.
- “Diagnostic Ultrasound: A Non-invasive Technology to Assess Knee Joint Health”
 - *Principal Investigator:* DN Pamukoff (\$15,000)
 - *Agency:* CSU Program for Education and Research in Biotechnology (CSUPERB)
 - *Aim:* To examine the difference in knee joint cartilage thickness between individuals with ACL injury and matched control participants.
 - *Role:* Co-Investigator; contributed to participant recruitment, data analysis and interpretation, and preparation of manuscripts and grants.
- “The Effect of Whole Body Vibration on Running Biomechanics in Individuals with Anterior Cruciate Ligament Reconstruction”
 - *Principal Investigator:* DN Pamukoff (\$9,932)
 - *Agency:* CSUF Research, Scholarly, and Creative Activity Grant
 - *Aim:* To determine the effect of whole body vibration on strength and running/jumping biomechanics in individuals with ACL reconstruction.
 - *Role:* Co-Investigator; contributed to participant recruitment, data analysis and interpretation, and preparation of manuscripts and grants.
- “The Influence of Lower Extremity Lean Mass and Strength on Muscle Activation Amplitudes during Landing, Part II”
 - *Principal Investigator:* MM Montgomery (25% effort)
 - *Agency:* CSUN Research, Scholarly, and Creative Activity Grant
 - *Aim:* To process and analyze data from an ongoing project (funded 2013-2014) and prepare an abstract for submission during Fall 2014.

- “The Influence of Lower Extremity Lean Mass and Strength on Lower Extremity Muscle Activation Amplitudes during Landing”
 - *Principal Investigator:* MM Montgomery (\$5,000)
 - *Agency:* CSUN Research, Scholarly, and Creative Activity Grant
 - *Aim:* To determine the influence of lean body mass and strength on lower extremity muscle activation amplitudes during a dynamic landing task.
- “The Influence of Lower Extremity Lean Mass and Strength on Muscle Activation Amplitudes during Landing”
 - *Principal Investigator:* MM Montgomery (\$3,000)
 - *Agency:* Far West Athletic Trainers’ Association
 - *Aim:* To determine the influence of lean body mass and strength on thigh muscle activation amplitudes during a dynamic landing task.
- “Exercise-Induced Changes in Knee Laxity” May 2010-December 2012
 - *Principal Investigator:* SJ Shultz (\$125,000)
 - *Agency:* NFL Charities
 - *Aim:* To determine the effects of a prolonged intermittent exercise protocol on knee joint laxity and lower extremity neuromechanics.
 - *Role:* Research Assistant; contributed to concept and experimental design; responsible for subject recruitment, data collection, management, and processing, and aiding in manuscript preparation; funded for graduate tuition/fees waiver and stipend (2010-2011)
- “The Effect of Lean Body Mass on Lower Extremity Energy Absorption Strategies during Landing” July 2010 - June 2011
 - *Principal Investigator:* MM Montgomery (\$2,500)
 - *Agency:* National Athletic Trainers’ Association Research and Education Foundation
 - *Aim:* To determine the influence of lean body mass on biomechanics during a dynamic landing task.
- “Sex Hormone Mediated Knee Laxity and Knee Stability” Administrative Supplement (2009-2010)
 - *Principal Investigator:* SJ Shultz (\$105,000)
 - *Agency:* NIH- National Institute of Arthritis and Musculoskeletal and Skin Diseases (R01-AR053172-03S1)
 - *Aim:* To identify through advance statistical methods individual laxity profiles and individual landing and lower extremity perturbation profiles (joint motions and forces) and determine the laxity profile(s) that are most predictive of at-risk knee biomechanical profiles.
 - *Role:* Research Assistant; responsible for data management & processing, and assisting with manuscript preparation; funded for graduate tuition/fees waiver and stipend (2009-2010).
- “Sex Hormone Mediated Knee Laxity and Knee Stability” (July 2007 – July 2009)
 - *Principal Investigator:* SJ Shultz (\$1,037,210)
 - *Agency:* NIH- National Institute of Arthritis and Musculoskeletal and Skin Diseases (R01-AR053172)
 - *Aim:* To determine the independent and combined effects of greater absolute and cyclic anterior knee laxity on knee joint neuromechanics during weight bearing.
 - *Role:* Research Assistant; responsible for participant recruitment, data collection, management, and processing, and assisting with manuscript preparation; funded for graduate tuition/fees waiver and stipend (2007-2010)
- “Body Composition and Thigh Muscle Activation” May 2009 - August 2009
 - *Principal Investigator:* MM Montgomery (\$2,000)
 - *Agency:* The Graduate School, University of North Carolina at Greensboro (Susan B. Stout Summer Research Assistantship)
 - *Aim:* To examine the relationship between strength, body composition and muscle activation in males and females.

- “Differences in Anterior Knee Laxity Between Normal Menstruating and Oral Contraceptive Users”
May 2008 - August 2008
 - *Principal Investigator:* MM Montgomery (\$2,000)
 - *Agency:* The Graduate School, University of North Carolina at Greensboro (Summer Research Assistantship)
 - *Aim:* To compare cyclic changes in anterior knee laxity between eumenorrheic females and those who use oral contraceptive hormones.

TEACHING EXPERIENCE

California State University, Fullerton; Department of Kinesiology

Master of Science in Athletic Training Program (Summer 2019 – present)

- KNES 590: “AT Seminar III” (Fall 2023)
- KNES 591: “AT Clinical Experience III” (Fall 2023)
- KNES 593: “AT Clinical Experience IV- Immersive” (Spring 2021/Fall 21, Spring 2022/Fall 22, Spring 2023)
- KNES 592: “AT Project” (Spring 2021/Fall 21, Spring 2022/Fall 22, Spring 2023)
- KNES 576: “Pathophysiology of Illness” (Spring 2020-23)
- KNES 587: “AT Clinical Experience I (Fall 2019-22)
- KNES 586: “AT Seminar I” (Fall 2019-22)
- KNES 585: “Emergency Management Clinical Experience” (Summer 2020- 22)
- KNES 573: “Clinical Evaluation and Diagnosis: Lower Extremity” (Fall 2019-22)
- KNES 511: “Evidence-Based Practice in Athletic Training” (Summer 2019-23)

Curriculum Development

- Master of Science in Athletic Training (2017-2019)
 - 22 new course proposals
 - Program Proposals:
 - Faculty, College and University administration at Cal State Fullerton
 - California State University Chancellor’s Office

Bachelor of Science in Athletic Training (2015-2019) & Bachelor of Science in Kinesiology (2015- present)

- KNES 365: “Pathologies in Sports and Exercise” (Spring 2016, 2018, 2020, Fall 2017)
- KNES 421: “Clinical Anatomy” (Spring 2019, Fall 2019)
- KNES 451: “Sports Medicine” (Fall 2018)
- KNES 367: “Clinical Proficiency in Athletic Training I” (Fall 2016-17)
- KNES 373: “Clinical Diagnosis of the Lower Extremity and Lumbar Spine” (Spring 2016-18, Fall 2015-18)
- KNES 368: “Clinical Proficiency in Athletic Training II” (Spring 2016-18)
- KNES 375: “Management of Sports and Exercise Emergencies” (Spring 2016)
- KNES 469: “Clinical Proficiency in Athletic Training V” (Fall 2015, 2018)

Chapman University; Master of Science in Athletic Training Program

- AT 530: “Clinical Examination and Diagnosis I: Lower Extremity” (Summer 2017)
- AT 530L: “Clinical Examination and Diagnosis I: Lower Extremity lab” (Summer 2017)

California State University, Northridge; Department of Kinesiology

- KIN 331: “Introduction to Athletic Training Clinical Experience” (Summer 2014-15)
- KIN 332: “Evidence Based Practice in Athletic Training” (Summer 2015)
- KIN 333: “Injury Prevention Clinical Reasoning” (Fall 2011-2014)
- KIN 341: “Prevention and Evaluation Clinical Experience” (Fall 2011-2014)
- KIN 337: “Prevention and Care of Athletic Injuries” (Summer 2012-14, Spring 2013-15, Fall 2012-14)
- KIN 415: “Medical Aspects of Sports and Related Injuries” (Summer 2012-14)
- KIN 334: “Evaluation and Rehabilitation Clinical Reasoning” (Spring 2012-15)
- KIN 342: “Rehabilitation and Evaluation Clinical Experience” (Spring 2012-15)

University of North Carolina at Greensboro; Department of Kinesiology

Master of Science in Athletic Training

- KIN 638: “Therapeutic Modalities” (Co-taught; Fall 2010)
- KIN 721: “General Medical Conditions” (Co-taught; Fall 2009)

Bachelor of Science in Kinesiology

- KIN 376: “Biomechanics of Sport and Physical Activity” (Co-taught; Spring 2010)

University of the Pacific; Department of Sport Sciences

Bachelor of Arts in Athletic Training

- SPTS 143: “Care and Prevention of Athletic Injuries” (Fall 2006)
- SPTS 145: “Therapeutic Modalities” (Fall 2006)
- SPTS 163: “Therapeutic Exercise” (Spring 2007)
- SPTS 89, 189: Practicum courses for 1st-4th semester clinical AT students (Fall 2006-Sp 2007)

Student Mentoring

- Thesis/Project Committee Chair (M.S. Kinesiology)
 - Stephen Carranza, MS, ATC (2020). *Changes in performance on baseline return-to-sport tests during a NCAA Division I women’s soccer season.*
 - Willem Winkelman, MS, ATC (2019). *The relationship between lower extremity strength asymmetries and hop testing performance.*
 - Vanessa Gillette, MS, ATC (2018). *Pre-season screening for ACL injury risk in collegiate soccer and basketball athletes.*
 - Elena Soler, MS, ATC (2017). *Validation of body composition assessment by bioelectrical impedance vs. air displacement plethysmography in high school wrestlers.*
 - Laura Deguzman, MS, ATC (2016). *The immediate effects of self-administered proprioceptive neuromuscular facilitation, myofascial release, and dynamic stretching on range of motion.*
 - Behrang Behjoo, MS (2014). *Asymmetry in lower extremity biomechanics during dual-limb landings.*
- Thesis/Project Committee member (M.S. Kinesiology):
 - Erika Viramontes, MS (2023). *School is in session: Strength and conditioning in the high school environment.*
 - Alicia Stackpole, MS (2023). *Effect of hip anteversion on squat biomechanics related to development of hip osteoarthritis.*
 - Donovyn Miller, MS (2022). *Effects of a heel lift on the biomechanics of the squat.*
 - Justin Dennis, MS (2022). *Sex-based differences in lower extremity joint and intersegmental coordination pattern frequencies during a drop landing.*
 - Mia Fields, MS, ATC (2020). *Implementing administrative tasks in athletic training during COVID-19.*
 - Ciara Gonzales, MS (2020). *Functional Movement Screen scores in individuals with and without anterior cruciate ligament reconstruction.*
 - Peter Mitchell, MS (2020). *Femoral cartilage characteristics in recreational and collegiate distance runners.*
 - Skylar Holmes, MS (2019). *Influence of hip strength on foot progression angle.*
 - Chelsea Takaki, MS (2018). *Strength and conditioning prehabilitation training for collegiate baseball by position.*
 - Margaret Ha, MS, ATC (2018). *Perceptions and experiences of faculty in higher education with academic adjustments following concussion.*
 - Lauren Gardner, MS, ATC (2018). *Integration of patient reported outcomes into the athletic training clinic at California State University, Fullerton.*
 - Steven Garcia, MS (2018). *Effect of center of mass translation on golf swing kinetics.*
 - Tyler J. Moffitt, MS (2018). *Associations between strength and distance running biomechanics.*
 - Joseph Gonzales, MS (2017). *Differences in muscle architecture of the gastrocnemii and tibialis anterior between forefoot and rearfoot runners.*
 - Melinda Smith, MS. (2015). *Predicting injuries in gymnastics using the Functional Movement Screen.*
 - Miguel R. Quintero, MS, ATC (2015). *Electromyographic comparisons of two variants of the Biering-Sorensen test.*

- Ashley R. Meyer, MS, ATC (2014). *Long-term effects of external ankle support on muscle strength and activity.*
- Jennifer M. Guiry, MS, ATC. (2014). *Comparison of an overhead and single leg squat in barefoot, minimalist, and shod conditions.*
- Independent Study (KNES 499):
 - Athletic Training graduate assistants (Fall 2016). *Preceptor Development for New Athletic Trainers.*
- University Honors Program
 - Gabrielle Crooks (2021). *Effect of Kinesiology Taping on the Prevention of Delayed Onset Muscle Soreness*
- CSUF Bachelor of Science in Mechanical Engineering: EGME 419- *Design Project II*
 - Julian Delgado, Brianna Orozco, Frankie Martinez, Carlos Molina, Andrew Vaccarello. (2021). *Preventing Sports Injury ACL Tears*

SERVICE ACTIVITIES

University

- myCSUNtablet Initiative Faculty liaison (2013-2015)
 - recipient of 2015 President Jolene Koester Team Award
- CSUN New Faculty Orientation tech tutor (2014-15)
- CSUN Upper Division Writing Proficiency Exam reader (2013-15)

College of Health and Human Development (HHD)

- CSUF CHHD Curriculum Committee member (2015-18)
- CSUN HHD Curriculum Committee member (2014-15, 2012-13)
- CSUN HHD Commencement Committee member (2014, 2012)

Department of Kinesiology

California State University, Fullerton

- Athletic Training tenure track faculty search committee chair (2023-24)
- Athletic Training/Biomechanics tenure track faculty search committee chair (2022)
- Biomechanics tenure track faculty search committee chair (2022-23)
- Motor Control and Biomechanics tenure track faculty search committee (2021-22)
- Department Personnel Review Committee (2019-20 and 2020-21)
- Miscellaneous Course Fees committee (2019-20, 2020-21, 2023-24)
- Sport and Exercise Performance Psychology tenure track faculty search committee (2019-20)
- KNES Chair Advisory Group (2018-19)
- Athletic Training Program Director tenure track faculty search committee (2017-18)
- Athletic Training Student Society club advisor (2017-18)
- Assessment committee member (2015-16)

California State University, Northridge

- Curriculum Committee chair (2014-15, 2012-13)
- Biomechanics tenure track faculty search committee chair (2014-15)
- Biomechanics/Strength & Conditioning tenure track faculty search committee (2013-14)
- Motor Behavior tenure track faculty search committee (2012-13)
- Commencement and Awards Committee chair (2014, 2012)
- Commencement and Awards Committee member (2012-15)
- Curriculum Committee member (2011-15)
- Athletic Training Club advisor (2011-15)
- Graduate Committee (2011-15)

Community

- *Preventing Sudden Death in Sport* (speaker: Dr. Douglas Casa). Coordinated free CEU course event at CSUF (2023)

- College of the Canyons Sports Medicine Grant Advisory Committee (2011-15)

Professional

- National Athletic Trainers' Association (NATA) Professional Development Committee
 - Chair (2021 - present)
 - Incoming Chair (2020 - 2021)
 - NATA District 8 representative (2016 - 2020)
- National Athletic Trainers' Association (NATA) Executive Council on Education
 - Member (2021 - present)
- Far West Athletic Trainers' Association Research and Grants Committee
 - Chair (2018 - 2022)
 - Member (2014 - 2018, 2023 - present)
- CSUF College of Health and Human Development Interprofessional Education committee (2016-2020)
- NATA Clinical Symposia and AT Expo Feature Presentation and Free Communications moderator (2013- present)
- NATA Research and Education Foundation Free Communications *Ad hoc* competition judge (2013- present)
- *Ad hoc* Grant Reviewer, NATA Research and Education Foundation (2013- present)
- Journal Reviewer (2010 - present)
 - *Journal of Sports Science and Medicine* (2018-)
 - *International Journal of Athletic Training and Therapy* (2016-)
 - *Research Quarterly for Exercise and Sport* (2015-)
 - *Clinical Biomechanics* (2015-)
 - *Journal of Biomechanics* (2014-)
 - *Women in Sports and Physical Activity Journal* (2013-)
 - *Journal of Strength and Conditioning Research* (2013-)
 - *Journal of Applied Biomechanics* (2013-)
 - *Clinical Journal of Sports Medicine* (2011-)
 - *Journal of Athletic Training* (2010-)
- Registration Chair, *ACL Research Retreat*, Greensboro, NC (2008, 2010)
- Abstract Review Committee, *Human Movement Science Research Conference*, Chapel Hill, NC (2010)
- Examiner, *Board of Certification, Inc.* (2003-2007)

PROFESSIONAL AFFILIATIONS and CERTIFICATIONS

- Board of Certification, Inc.
 - Certified Athletic Trainer (#110102254): 2001-present
- North Carolina Board of Athletic Trainer Examiners
 - Licensed Athletic Trainer (#1418): October 2007 - 2011
- State of Tennessee Board of Medical Examiners
 - Licensed Athletic Trainer (#658): May 2002 – 2003
- California Department of Health Radiologic Health Branch
 - X-Ray Technician Bone Densitometry Permit (#RHP00095592): 2012 - present
- National Athletic Trainers' Association
 - Member (#981092): 1999-present
 - District 8 (FWATA) Member: 2011-present, 2003-2007, 1999-2002
 - District 3 (MAATA) Member: 2007-2011
 - District 9 (SEATA) Member: 2002-2003
- American College of Sports Medicine
 - Member (#653557): 2008 - present
- U.S. Centers for Medicare & Medicaid Services: National Plan and Provider Enumeration System
 - National Provider Identifier: 1962827188