

PEER-REVIEWED PUBLICATIONS

1. Peterson+, B. M., Brown, L. E., Judelson, D. A., Gallo-Rebert+, S., & **Coburn, J. W.** (2019). Caffeine increases rate of torque development without affecting maximal torque. *Journal of Science in Sport and Exercise*.
2. Miller+, K. L., **Costa, P. B., Coburn, J. W., Brown, L. E.** (2019). The effects of foam rolling on maximal sprint performance and range of motion. *Australian Journal of Strength and Conditioning*, 27(1), 15-26.
3. Rhouni+, N., Dabbs, N. C., Gillum, T. & **Coburn, J. W.** (2019). Acute effect of mini-trampoline jumping on vertical jump and balance performance. *International Journal of Kinesiology and Sports Science*, 7(2), 1-7.
4. Lebowitz, Sam+, Boyer, W., **Coburn, J.,** & Gillum T. (2019). The acute effects of different loading parameters in a rear foot elevated split squat on horizontal and vertical jumps. Poster session at Southwest American College of Sports Medicine Annual Meeting, Newport Beach, CA.
5. Silva GC, Simão R, Conceição RR, **Costa PB***, Miranda H, Conceição RR, Almeida RL, Sato MA. Does the combination of resistance training and stretching increase cardiac overload. *Clinics*. 74:1-8, 2019.
6. Rey E, Padrón-Cabo A, **Costa PB**, Lago-Fuentes C. Effects of different repeated sprint-training frequencies in youth soccer players. *Biology of Sport*. 36:257-263, 2019.
7. Rey E, Padrón-Cabo A, **Costa PB**, Barcala-Furelos R. Effects of foam rolling as a recovery tool in professional soccer players. *Journal of Strength and Conditioning Research*. 33:2194-2201, 2019.
8. Ruggieri RM+, **Costa PB***. Contralateral muscle imbalances and physiological profile of recreational aerial athletes. *Journal of Functional Morphology and Kinesiology*. 4:1-9, 2019.
9. Vakula MN+, **Fisher KL**, Garcia SA+, Holmes SC+, Post BK+, **Costa PB, Pamukoff DN**. Quadriceps impairment is associated with knee mechanics during gait in young adults with obesity. *Medicine & Science in Sports & Exercise*. 51:951-961, 2019.
10. da Silva JM, Brown AF, Gomes TM, Vianna JM, **Costa PB**, Novaes JS. The influence of the order between resistance and stretching exercises on the hemodynamic response. *Acta Scientiarum. Health Sciences*. 41:1-7, 2019.
11. Monteiro ER, **Costa PB***, Neto VG, Hoogenboom BJ, Steele J, Novaes JS. Posterior thigh foam rolling increases knee extension fatigue and passive shoulder range-of-motion. *Journal of Strength and Conditioning Research*. 33:987-994, 2019.
12. Serrano N+, Colenso-Semple LM, Lazauskas KK, Siu JW#, Tobias IS, Bagley JR, **Lockie RG, Costa PB, Galpin AJ**. Extraordinary fast-twitch fiber abundance in elite weightlifters. *PLOS One*. 14:1-12, 2019.
13. Post E, Roos K, **Kasamatsu TM**, Bennett JP. Access to athletic trainers in California secondary schools. *J Athl Train*. 2019;54(12):1229-1236. doi:10.4085/1062-6050-268-19
14. Neil ER, Welch Bacon CE, **Kasamatsu TM**, Nottingham SL, Eberman L. Preceptors' frequency and supervision of athletic training students' medical documentation. *Athl Train Educ J*. 2019;14(3):182-190. doi:10.4085/1403182
15. Eberman LE, Neil ER, Nottingham SL, **Kasamatsu TM**, Welch Bacon CE. Athletic trainers practice patterns regarding medical documentation. *J Athl Train*. 2019;54(7): 822-830. doi:10.4085/1062-6050-230-18
16. Stahl, C.A., Mann, J.B., **Lockie, R.G.** & Dawes, J.J. (2019). Comparison of estimated-1RM and 225-lb (102-kg) bench press performance between starters and non-starters among a NCAA Division I college football team. *International Journal of Physical Education, Fitness and Sports*. 8: 64-75.

17. Dawes, J.J., **Lockie, R.G.**, Kornhauser, C.L., Holmes, R.J. & Orr, R.M. (2019). Relationships between absolute and relative strength and power in male police officers of varying strength levels. *Journal of Science in Sport and Exercise*. <https://doi.org/10.1007/s42978-019-00033-5>.
18. * Gonzales, C.E. & **Lockie, R.G.** Abdominal and lumbo-pelvic stability exercises for first responder recruits. *TSAC Report*. 55: 12-20.
19. **Lockie, R.G.** An example fitness assessment battery for community service officers. *TSAC Report*. 55: 26-36.
20. Stone, B.L., Minson, K.L., Anderson, E.C., **Lockie, R.G.** & Dawes, J.J. (2019). The relationship between pre-season testing performance and playing time among NCAA Division II men's soccer athletes over a competitive season: A pilot analysis. *Sports and Exercise Medicine Open Journal*. 5: 30-35.
21. Myers, C.J., Orr, R.M., Goad, K.S., Schram, B.L., **Lockie, R.**, Kornhauser, C., Holmes, R., & Dawes, J.J. (2019). Comparing levels of fitness of police officers between two United States law enforcement agencies. *Work*: 63: 615-622.
22. Callaghan, S.J., **Lockie, R.G.**, Andrews, W.A., Yu, W., Chipchase, R.F. & Nimphius, S. (2019). The effects of an eight over cricket bowling spell upon pace bowling biomechanics and performance within different delivery lengths. *Sports*. 7: doi.org/10.3390/sports7090200.
23. **Lockie, R.G.**, Balfany, K., Denamur, J.K. & Moreno, M.R. (2019). A preliminary analysis of relationships between 1RM hexagonal bar load and peak power with the tactical task of a body drag. *Journal of Human Kinetics*. 68: 157-166.
24. * Banda, D.S., Beitzel, M.M., Kammerer, J.D., Salazar, I. & **Lockie, R.G.** (2019). Lower-body power relationships to linear speed, change-of-direction speed, and high-intensity running performance in DI collegiate women's basketball players. *Journal of Human Kinetics*. 68: 223-232.
25. Dawes, J.J., **Lockie, R.G.**, Orr, R.M., Kornhauser, C. & Holmes, R.J. (2019). Initial fitness testing scores as a predictor of police academy completion. *Journal of Australian Strength and Conditioning*. 27: 30-37.
26. Orr, R.M., Dawes, J.J., **Lockie, R.G.** & Godeassi, D. (2019). The relationship between lower-body strength and power, and load carriage tasks: A critical review. *International Journal of Exercise Science*. 12: 1001-1022.
27. * McGuire, M.B., Moreno, M.R. & **Lockie, R.G.** (2019). Practical exercise programming for Wildland Fire Suppression Aids. *TSAC Report*. 54: 22-35.
28. Dawes, J.J., **Lockie, R.G.**, Kukić, F., Kornhauser, C., Holmes, R.J. & Orr, R.M. (2019). Accuracy of self-reported height, body mass and derived body mass in a group of United States law enforcement officers. *Journal of Criminalistics and Law*. 24: [doi:10.5937/nabepo24-21191](https://doi.org/10.5937/nabepo24-21191).
29. **Lockie, R.G.**, Orr, R.M., Stierli, M., Cesario, K.A., Moreno, M.R., Bloodgood, A.M., Dulla, J.M. & Dawes, J.J. (2019). The physical characteristics by sex and age for custody assistants from a law enforcement agency. *Journal of Strength and Conditioning Research*. 33: 2223-2232.
30. * Moreno, M.R., Dulla, J.M., Dawes, J.J., Orr, R.M., Cesario, K.A. & **Lockie, R.G.** (2019). Lower-body power and its relationship with body drag velocity in law enforcement recruits. *International Journal of Exercise Science*. 12: 847-858.
31. Jalilvand, F., Banoocy, N.K., Rumpf, M.C. & **Lockie, R.G.** (2019). Relationship between body mass, peak power, and power-to-body mass ratio on sprint velocity and momentum in high-school football players. *Journal of Strength and Conditioning Research*. 33: 1871-1877.
32. Orr, R.M., Kukić, F., Čvorović, A., Koropanovski, N., Dawes, J. & **Lockie, R.** (2019). Associations between fitness measures and change of direction speeds with and without

- occupational loads in female police officers. *International Journal of Environmental Research and Public Health*. 16. doi:10.3390/ijerph16111947.
33. **Lockie, R.G.**, Orr, R.M., Moreno, M.R., Dawes, J.J. & Dulla, J.M. (2019). Time spent working in custody influences Work Sample Test Battery Performance of Deputy Sheriffs compared to recruits. *International Journal of Environmental Research and Public Health*. 16. doi.org/10.3390/ijerph16071108.
 34. **Lockie, R.G.**, Moreno, M.R., Orjalo, A.J., Stage, A.A., Liu, T.M., Birmingham-Babauta, S.A., Hurley, J.M., Torne, I.A., Beiley, M.D., Risso, F.G., Davis, D.L., Lazar, A., Stokes, J.J. & Giuliano, D.V. (2019). Repeated-sprint ability in Division I collegiate male soccer players: Positional differences and relationships with performance tests. *Journal of Strength and Conditioning Research*. 33: 1362-1370.
 35. * Balfany, K., Heredia, C.E. & **Lockie, R.G.** (2019). Shoulder taps – a novel time-efficient screening tool for tactical populations. *TSAC Report*. 53: 40-47.
 36. **Lockie, R.G.**, Moreno, M.R., Cesario, K.A., McGuire, M.B., Dawes, J.J., Orr, R.M. & Dulla, J.M. (2019). The effects of aerobic fitness on day one physical training session completion in law enforcement recruits. *Journal of Trainology*. 8: 1-4.
 37. Tramel, W., **Lockie, R.G.**, Lindsay, K.G., and Dawes, J.J. (2019). Associations between absolute and relative lower body strength to measures of power and change of direction speed in Division II female volleyball players. *Sports*. 7: doi:10.3390/sports7070160.
 38. **Lockie, R.G.**, Post, B.K. & Dawes, J.J. (2019). Physical qualities pertaining to shorter and longer change-of-direction speed test performance in men and women. *Sports*. 7. doi: 10.3390/sports7020045.
 39. Jalilvand, F., Chapman, D.W. & **Lockie, R.G.** (2019). Strength and conditioning for collegiate American football. *Journal of Australian Strength and Conditioning*. 27: 72-85.
 40. **Lockie, R.G.**, Dawes, J.J., Kornhauser, C.L. & Holmes, R.J. (2019). Cross-sectional and retrospective cohort analysis of the effects of age on flexibility, strength endurance, lower-body power, and aerobic fitness in law enforcement officers. *Journal of Strength and Conditioning Research*. 33: 451-458.
 41. **Lockie, R.G.**, Balfany, K., Bloodgood, A.M., Moreno, M.R., Cesario, K.A., Dulla, J.M., Dawes, J.J., & Orr, R.M. (2019). The influence of physical fitness on reasons for academy separation in law enforcement recruits. *International Journal of Environmental Research and Public Health*. 16. doi.org/10.3390/ijerph16030372.
 42. * Cesario, K.A., Moreno, M.R., Bloodgood, A.M. & **Lockie, R.G.** (2019). A sample ability-based conditioning session for law enforcement and correctional recruits. *TSAC Report*. 52: 6-11.
 43. * Heredia, C.E., Balfany, K. & **Lockie, R.G.** (2019). Corrective exercise prescription based upon movement limitations defined from the Functional Movement Screen. *TSAC Report*. 52: 34-44.
 44. **Montgomery MM** & Tritsch AJ. (2019). 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 Healthcare*. Online Advanced Release 12/17/19. doi: 10.3928/19425864-20191024-01
 45. Garcia SA[‡], **Montgomery MM**, Holmes SC[‡], Moffit TJ[‡], Vakula MN[‡], **Pamukoff DN**. Association between quadriceps echo intensity and self-reported disability in individuals with ACL reconstruction. *Journal of Athletic Training*. (Accepted 7/1/19).
 46. Gonzales J[‡], **Montgomery MM**, **Galpin AJ**, **Pamukoff DN**. Comparison of lower limb muscle architecture and geometry in distance runners with rearfoot and forefoot strike pattern. *Journal of Sport Sciences*. 2019. Oct; 37(19): 2184-2190.
 47. Vakula MN[‡], **Fisher KL**, **Costa P**, Garcia SA, Post BP, Holmes SC, **Pamukoff DN**. Quadriceps weakness is associated with knee kinetics during gait in obese young adults. *Medicine and Science in Sports and Exercise*. 2019. May; 51(5): 951-961.

48. Tebbe-Priebe, C., Scholefield, R., & Statler, T. (2019). Current Approaches to Sport Psychology Consulting in Collegiate and Olympic Settings. In Anshel, M.H., Petrie, T.A. & Steinfeldt, J. (Eds.). *APA Handbook of Sport and Exercise Psychology*. Washington DC: American Psychological Association.

FACULTY AUTHORED - BOOK CHAPTERS

1. **Lockie, R.G.** (2019). Sprints. In *Performance Assessment for Strength and Conditioning Coaches*. Comfort, P.A. Jones & J.J. McMahon eds. Taylor & Francis, Abingdon, UK.
2. **Lockie, R.G.** (2019). Testing, Assessment, and Monitoring of Agility and Quickness. In *Developing Agility and Quickness*. Dawes J.J. & Roozen, M. eds. Human Kinetics, Champaign, USA.

ABSTRACTS & CONFERENCE POSTER PRESENTATIONS

1. Kelly MA+, Godoy CL#, Machado RS#, **Costa PB***. Moderate exercise versus high intensity interval training on oxygen uptake, heart rate, and perceived exertion. *National Strength and Conditioning Association Annual Conference*, Washington, District of Columbia. July 2019. *Journal of Strength and Conditioning Research*. 3x:S1x, 2019.
2. Ruggieri RM+, **Costa PB***. Contralateral muscle imbalances, dominant versus non-dominant hamstrings-to-quadriceps ratio, and physiological profile of recreational aerial athletes. *National Strength and Conditioning Association Annual Conference*, Washington, District of Columbia. July 2019. *Journal of Strength and Conditioning Research*. 3x:S1x, 2019.
3. Ondatje WC+, **Noffal GJ, Costa PB, Coburn JW**. The biomechanical effects of fatigue on drop-jump performance in basketball athletes. *American College of Sports Medicine Annual Meeting*, Minneapolis, Minnesota. May 2018. *Medicine & Science in Sports & Exercise*. 51:S633, 2019.
4. * Beljic, A. & **Lockie, R.G.** (2019). Monitoring responses to a summer strength and conditioning program for Division I collegiate basketball players. *Southwest American College of Sports Medicine's 39th Annual Meeting 2019*, Newport Beach, USA, October 25-26.
5. * Bloodgood, A.M., McGuire, M.B., Balfany, K. & **Lockie, R.G.** (2019). A pilot analysis investigating effects of load carriage on muscle training load during a simulated ruck march. *Southwest American College of Sports Medicine's 39th Annual Meeting 2019*, Newport Beach, USA, October 25-26.
6. * Corrales, I. & **Lockie, R.G.** (2019). Relationships between internal and external training load measured by GPS technology in Division I collegiate female soccer players. *Southwest American College of Sports Medicine's 39th Annual Meeting 2019*, Newport Beach, USA, October 25-26.
7. * Hernandez, E., Dulla, J.M., Dawes, J.J., Orr, R.M. & **Lockie, R.G.** (2019). Academy graduation and the physical fitness of police recruits. *Southwest American College of Sports Medicine's 39th Annual Meeting 2019*, Newport Beach, USA, October 25-26.
8. * Hernandez, J.A., Beitzel, M.M., Dulla, J.M., Orr, R.M., Dawes, J.J. & **Lockie, R.G.** (2019). Comparisons between male and female deputy sheriff recruits in the Work Sample Test Battery. *Southwest American College of Sports Medicine's 39th Annual Meeting 2019*, Newport Beach, USA, October 25-26.
9. **Lockie, R.G.**, Moreno, M.R., Ducheny, S.C., Orr, R.M., Dawes, J.J. & Balfany, K. (2019). Relationships between training load demands measured by surface EMG wearable

- technology and the military casualty drag. *Southwest American College of Sports Medicine's 39th Annual Meeting*, Newport Beach, USA, October 25-26.
10. * McGuire, M.B., Balfany, K. & **Lockie, R.G.** (2019). Pilot analysis of surface EMG wearable technology to measure training load in an ROTC cadet during a summer training program. *Southwest American College of Sports Medicine's 39th Annual Meeting 2019*, Newport Beach, USA, October 25-26.
 11. * Noel, J.N. & **Lockie, R.G.** (2019). Who does more work? A comparison between starters and non-starters in distance, sprint distance, top speed, accelerations, and player load in Division 1 men's soccer players. *Southwest American College of Sports Medicine's 39th Annual Meeting 2019*, Newport Beach, USA, October 25-26.
 12. * Ruvalcaba, T.J., Montes, F., McGuire, M.B., Pacheco, C. & **Lockie, R.G.** (2019). A practical investigation of body composition changes in Wildland Fire Suppression Aid candidates when provided a carbohydrate supplement during academy training. *Southwest American College of Sports Medicine's 39th Annual Meeting 2019*, Newport Beach, USA, October 25-26.
 13. Connelly, G., Johnson, Q., Diehl, C., Kornhauser, C., **Lockie, R.**, Orr., R. & Dawes, J. (2019). Body mass index profiles of police cadets belonging to three different academy classes. *Central States American College of Sports Medicine's Annual Meeting 2019*, Broken Arrow, USA, October 24-25.
 14. Danielson, T., Orr., R., **Lockie, R.**, Goad, K., Schram, B., Kornhauser, C., Holmes, R. & Dawes, J. (2019). Differences in fitness between law enforcement cadets and officers: A retrospective study of two agencies. *Central States American College of Sports Medicine's Annual Meeting 2019*, Broken Arrow, USA, October 24-25.
 15. Dawes, J., Johnson, Q., Diehl, C., Orr., R., **Lockie, R.**, Kollock, R., Kornhauser, C. & Holmes, R. (2019). Differences in countermovement vertical jump height between stronger and weaker female police officers. *Central States American College of Sports Medicine's Annual Meeting 2019*, Broken Arrow, USA, October 24-25.
 16. Honea, C., Stahl, C., Orr., R., **Lockie, R.**, Kollock, R., Casteel, M. & Dawes, J. (2019). Injury profiles of police officers from a local law enforcement agency. *Central States American College of Sports Medicine's Annual Meeting 2019*, Broken Arrow, USA, October 24-25.
 17. Johnson, Q., Diehl, C., Orr., R., **Lockie, R.**, Casteel, M., Jacobson, B., Smith, D. & Dawes, J. (2019). Functional Movement Screen profiles of police officers from a rural U.S. based law enforcement agency. *Central States American College of Sports Medicine's Annual Meeting 2019*, Broken Arrow, USA, October 24-25.
 18. Uftring, M., Dawes, J.J., **Lockie, R.**, Orr., R., Kornhauser, C. & Holmes, R. (2019). Fitness levels explain differences in performance on a patrol officer specific physical ability test. *Central States American College of Sports Medicine's Annual Meeting 2019*, Broken Arrow, USA, October 24-25.
 19. * Beitzel, M.M., Wilson, K.S., Dawes, J.J., Orr, R.M., Dulla, J.M. & **Lockie, R.G.** (2019). What's stopping you? The relationship between barriers, self-efficacy, and physical activity Levels in incumbent deputy sheriffs. *Association for Applied Sport Psychology Conference 34th Annual Conference*, Portland, USA, October 23-26.
 20. Birge, S., Orr, R., Schram, B., **Lockie, R.**, Homes, R., Kornhauser, C. & Dawes, J.J. (2019). The impact of heart rate on marksmanship in police officers. *Australian Physiotherapy Association Conference*, Adelaide, Australia, October 17-19.
 21. Dawes, J., Orr., R., Goatcher, J.D. & **Lockie, R.** (2019). Firefighters and their occupational loads. *Australian Physiotherapy Association Conference*, Adelaide, Australia, October 17-19.
 22. Orr, R., Kukić, F., Koropanovski, N., Cvorovic, A., Dawes, J.J. & **Lockie, R.** (2019). Associations between fitness measures and change of direction speed with and without

- occupational loads in female police officers. *Australian Physiotherapy Association Conference*, Adelaide, Australia, October 17-19.
23. Pearson, C., Orr, R., Schram, B., **Lockie, R.**, Homes, R., Kornhauser, C. & Dawes, J.J. (2019). Differences in heart rates between general officers and instructors employing defensive tactics skills. *Australian Physiotherapy Association Conference*, Adelaide, Australia, October 17-19.
 24. Sakurai, T., Orr, R., Schram, B., **Lockie, R.**, & Dawes, J.J. (2019). Relationships between physical fitness assessment measures and a workplace task-specific physical assessment: A retrospective cohort study. *Australian Physiotherapy Association Conference*, Adelaide, Australia, October 17-19.
 25. Schippers, E., Orr, R., Schram, B., **Lockie, R.**, Homes, R., Kornhauser, C. & Dawes, J.J. (2019). Differences between novice and expert performance in defensive tactics employed by police officers. *Australian Physiotherapy Association Conference*, Adelaide, Australia, October 17-19.
 26. Wooland, J., Orr, R., Schram, B., Kornhauser, C., Homes, R., **Lockie, R.** & Dawes, J.J. (2019). Relationships between upper-body and trunk fitness assessments in law enforcement officers. *Australian Physiotherapy Association Conference*, Adelaide, Australia, October 17-19.
 27. * Balfany, K., Chan, M.S., **Lockie, R.G.** & **Lynn, S.K.** (2019). Muscle activation as an indicator of training load during fatiguing exercise measured by sports performance wearables. *42nd National Strength and Conditioning Association National Conference and Exhibition*, Washington D.C., USA, July 10-13.
 28. * Beljic, A., Salazar, I. & **Lockie, R.G.** (2019). NBA Draft Combine trends and comparisons with Division I NCAA mid-major players: A longitudinal approach to analyzing important physiological and performance characteristics. *42nd National Strength and Conditioning Association National Conference and Exhibition*, Washington D.C., USA, July 10-13.
 29. Bone, J.J., Stone, B., Hernandez, E., **Lockie, R.G.**, Orr, R., Kornhauser, C.L., Holmes, R. & Dawes, J.J. (2019) Association between isometric leg-back strength and lower body power in law enforcement officers. *42nd National Strength and Conditioning Association National Conference and Exhibition*, Washington D.C., USA, July 10-13.
 30. * Bloodgood, A.M., Moreno, M.R., Balfany, K., McGuire, M.B., Dawes, J.J., Chan, M.S. & **Lockie, R.G.** (2019). He Ain't Heavy: A pilot analysis of training load demands when performing a body drag with a 75-kg vs. a 91-kg dummy. *42nd National Strength and Conditioning Association National Conference and Exhibition*, Washington D.C., USA, July 10-13.
 31. * Gonzales, C.E., Dawes, J.J., Salazar, I. & **Lockie, R.G.** (2019). Description and comparison of physiological characteristics of position players from a successful mid-major DI softball team. *42nd National Strength and Conditioning Association National Conference and Exhibition*, Washington D.C., USA, July 10-13.
 32. * Hernandez, E., Dulla, J.M., Orr, R.M., Kornhauser, C.L., Holmes, R.J., Dawes, J.J. & **Lockie, R.G.** (2019). Percentile ranks of physical fitness levels for female law enforcement recruits in the USA. *42nd National Strength and Conditioning Association National Conference and Exhibition*, Washington D.C., USA, July 10-13.
 33. Johnson, Q., Orr, R., **Lockie, R.G.**, Alvar, B., Goatcher, J. & Dawes, J.J. (2019). Heart rate responses during simulated fire ground scenarios among full-time firefighters. *42nd National Strength and Conditioning Association National Conference and Exhibition*, Washington D.C., USA, July 10-13.
 34. **Lockie R.G.**, Moreno, M.R., Cesario, K.A., Balfany, K., Dulla, J.M., Orr, R.M. & Dawes, J.J. (2019). Don't drag me down: Investigating the body or victim drag in graduated and

- incoming deputy sheriff recruits. *42nd National Strength and Conditioning Association National Conference and Exhibition*, Washington D.C., USA, July 10-13.
35. **Lockie R.G.**, Moreno, M.R., Cesario, K.A., Balfany, K., Dulla, J.M., Orr, R.M. & Dawes, J.J. (2019). With great power comes great ability: Fitness relationships with Work Sample Test Battery performance in deputy sheriff recruits. *42nd National Strength and Conditioning Association National Conference and Exhibition*, Washington D.C., USA, July 10-13.
 36. * McGuire, M.B., Balfany, K., Moreno, M.R., Bloodgood, A.M., Chan, M.S., Dawes, J.J., & **Lockie, R.G.** (2019). Get a grip: The effects of grip and dummy mass on training load during the body drag for tactical populations. *42nd National Strength and Conditioning Association National Conference and Exhibition*, Washington D.C., USA, July 10-13.
 37. * Moreno, M.R., Dawes, J.J., Balfany, K., Orr, R.M. & **Lockie, R.G.** (2019). Only the strong survive: Relationships between lower-body strength and power with the 75-kg and 91-kg body drag. *42nd National Strength and Conditioning Association National Conference and Exhibition*, Washington D.C., USA, July 10-13.
 38. * Noel, J.N., Salazar, I., Kammerer, J.D., Beljic, A. & **Lockie, R.G.** (2019). Physical performance characteristics in Division I collegiate women's volleyball players by position. *42nd National Strength and Conditioning Association National Conference and Exhibition*, Washington D.C., USA, July 10-13.
 39. * Ruvalcaba, T.J., Montes, F., Dawes, J.J., Gonzales, C.E., McGuire, M.B. & **Lockie, R.G.** (2019). Relationships between lean body mass and fat mass with physical fitness performance in Wildland Fire Suppression Aid Candidates on day one of academy. *42nd National Strength and Conditioning Association National Conference and Exhibition*, Washington D.C., USA, July 10-13.
 40. Stahl, C., Kulakawski, E., **Lockie, R.G.**, Lindsay, K.G. & Dawes, J.J. (2019). Relationship between absolute and relative power to change of direction ability in NCAA Division II women's lacrosse players. *42nd National Strength and Conditioning Association National Conference and Exhibition*, Washington D.C., USA, July 10-13.
 41. Stahl, C., Kulakawski, E., **Lockie, R.G.**, Lindsay, K.G. & Dawes, J.J. (2019). Relationship between absolute and relative power to linear speed in NCAA Division II women's lacrosse players. *42nd National Strength and Conditioning Association National Conference and Exhibition*, Washington D.C., USA, July 10-13.
 42. Staub, K., Tramel, W., **Lockie, R.G.**, Lindsay, K.L. & Dawes, J.J. (2019). Differences in power-to-body mass ratios between sprint, middle-distance, and distance swimmers. *42nd National Strength and Conditioning Association National Conference and Exhibition*, Washington D.C., USA, July 10-13.
 43. Stone, B.L., Dawes, J.J., Goatcher, J.D., Orr, R.M, **Lockie, R.G** & Alvar, B. (2019). Changes in fitness over an 11-week training program among firefighter trainees. *42nd National Strength and Conditioning Association National Conference and Exhibition*, Washington D.C., USA, July 10-13.
 44. Tramel, W., Lindsay, K.G., Bishop, C.J., **Lockie, R.G.** & Dawes, J.J. (2019). Bilateral deficit in the 5-0-5 agility test and single leg triple hop test: Are they telling the same story? *42nd National Strength and Conditioning Association National Conference and Exhibition*, Washington D.C., USA, July 10-13.
 45. Tramel, W., Lindsay, K.G., Bishop, C.J., **Lockie, R.G.** & Dawes, J.J. (2019). The relationship between absolute and relative lower body strength and measures of power and change of direction speed in Division II female volleyball players. *42nd National Strength and Conditioning Association National Conference and Exhibition*, Washington D.C., USA, July 10-13.
 46. * Balfany, K., Chan, M.S., **Lockie, R.G.** & Lynn, S.K. (2019). Sports performance wearable technology, sEMG and manual muscle testing: Practical methods for measuring maximal

- voluntary contractions. *American College of Sports Medicine 39th Annual Meeting 2019*, Orlando, USA, May 28-June 1.
47. Schippers. E., Pearson. C., Orr. R., Schram. B., Dawes. J. & **Lockie. R.** (2019). Quantifying Perishability in Skills: A Critical Review. *Rocky Mountain American College of Sports Medicine Annual Meeting*, Colorado, USA, March 1-2.
 48. Scott, J.P., Sakuurai, T., Movshovich, J.B, Orr, R.M., Schram, B., Dawes, J.J & **Lockie, R.G.** (2019). The use of fitness testing to predict occupational performance in tactical personnel: A critical review. *Rocky Mountain American College of Sports Medicine Annual Meeting*, Colorado, USA, March 1-2.
 49. Tomes, C., Orr, R.M., Sawyer, S., Schram, B., Dawes, J.J. & **Lockie, R.** (2019). Capability of Fitness Testing to Predict Injury Risk During Initial Tactical Training: A Systematic Review and Meta-Analysis. *Rocky Mountain American College of Sports Medicine Annual Meeting*, Colorado, USA, March 1-2.
 50. Zulfiqar, M.M., Wooland, J., Orr, R., Schram, B., **Lockie, R.** & Dawes, J. (2019). Fitness testing in law enforcement officers. A critical review. *Rocky Mountain American College of Sports Medicine Annual Meeting*, Colorado, USA, March 1-2.
 51. Mitchell PK[‡], Moffit TJ, **Pamukoff DN**. Association between femoral cartilage characteristics and running biomechanics in collegiate distance runners. *Southwest American College of Sports Medicine Meeting*. Newport Beach CA. Oct 25-26, 2019. Poster Presentation.
 52. Gonzales C[‡], Heredia C, Shumski EJ, Holmes SC, **Pamukoff DN**. Weak association between Functional Movement Screen score and landing biomechanics in individuals with ACL reconstruction. *Southwest American College of Sports Medicine Meeting*. Newport Beach CA. Oct 25-26, 2019. Poster Presentation.
 53. Shumski EJ[‡], Heredia C, Holmes SC, **Pamukoff DN**. The Functional Movement Screen is not associated with self-reported disability in individuals with ACL reconstruction. *Southwest American College of Sports Medicine Meeting*. Newport Beach CA. Oct 25-26, 2019. Poster Presentation.
 54. **Pamukoff DN**, Vakula MN, Shumski EJ, Post BK, Garcia SA, Holmes SC. Association between quadriceps function and femoral cartilage characteristics in young adults with obesity. *XXVII Congress of the International Society of Biomechanics Meeting*. Calgary AB. July 31-Aug 4, 2019. Oral presentation.
 55. Shumski EJ[‡], Holmes SC, Post BK, Garcia SA, Escano DA, **Rubin DA, Pamukoff DN**. Lower extremity joint moments during sit-to-stand in adults with Prader-Willi Syndrome. *XXVII Congress of the International Society of Biomechanics Meeting*. Calgary AB. July 31-Aug 4, 2019. Poster presentation.
 56. Holmes SC[‡], Moffit TJ, Vakula MN, **Pamukoff DN**. Is quadriceps strength symmetry associated with biomechanical symmetry in individuals with ACL reconstruction? *XXVII Congress of the International Society of Biomechanics Meeting*. Calgary AB. July 31-Aug 4, 2019. Poster presentation. (ASB Diversity Travel Award)
 57. Vakula MN[‡], Garcia SA, Holmes SC, Post BK, **Pamukoff DN**. Quadriceps function is related to temporal gait characteristics in adults with obesity. *XXVII Congress of the International Society of Biomechanics Meeting*. Calgary AB. July 31-Aug 4, 2019. Poster presentation.
 58. **Pamukoff DN**, Vakula MN, Shumski EJ, Holmes SC, Post BK, Garcia SA. Obesity moderates the association between knee adduction and femoral cartilage thickness. *American College of Sports Medicine Annual Meeting*. Orlando FL. May 28-June 1, 2019. Thematic poster presentation.
 59. Ward SH, Harkey MS, Luc-Harkey BA, **Pamukoff DN**, Blackburn JT, Pietrosimone B. Corticomotor excitability and knee mechanics during gait after ACL reconstruction.

- American College of Sports Medicine Annual Meeting*. Orlando FL. May 28-June 1, 2019. Poster presentation.
60. Moffit TJ[‡], **Pamukoff DN**. The influence of forward trunk lean on vertical loading rate in competitive distance runners. *American College of Sports Medicine Annual Meeting*. Orlando FL. May 28-June 1, 2019. Poster presentation.
 61. Shumski EJ*, Holmes SC, Post BP, Garcia SA, Escano D, **Rubin DA, Pamukoff DN**. Plantarflexor neuromuscular function in adults with and without Prader-Willi Syndrome. *American College of Sports Medicine Annual Meeting*. Orlando FL. May 28-June 1, 2019. Poster presentation.
 62. Holmes SC[‡], Post BP, Garcia SA, Escano D, **Rubin DA, Pamukoff DN**. Neuromechanical impairment in Adults with Prader-Willi Syndrome. *American College of Sports Medicine Annual Meeting*. Orlando FL. May 28-June 1, 2019. Thematic poster presentation. (Biomechanics Interest Group Award).
 63. **Pamukoff DN**, Garcia SA, Holmes SC, Post BK. Association between ground reaction force characteristics and knee injury and osteoarthritis outcome scores in young adults with obesity. *Osteoarthritis Research Society International – 2019 World Congress on Osteoarthritis*. Toronto ON. May 2-5, 2019. Poster Presentation.
 64. **Pamukoff DN, Montgomery MM**, Vakula MN, Garcia SA, Holmes SC, Moffit TJ. Influence of body mass index and anterior cruciate ligament reconstruction on gait biomechanics. ACL Retreat VIII. March 14-16, 2019. Oral Presentation.
 65. Nottingham SL, **Kasamatsu TM**, Eberman LE, Neil ER, Welch Bacon CE. Aspects of technology that influence athletic trainers' current patient care documentation strategies in the secondary school. *J Athl Train*. 2019;54(6S):S-140
 66. Neil ER, Welch Bacon CE, **Kasamatsu TM**, Nottingham SL, Eberman L. Asynchronous, practice-based learning module designed to enhance athletic trainers' knowledge and application of medical documentation. *J Athl Train*. 2019;54(6S):S-139
 67. Gardner LM, **Kasamatsu TM, Montgomery MM**. Athletic trainers' perceptions of patient reported outcomes integration. *J Athl Train*. 2019;54(6S):S-137-138.
 68. **Kasamatsu TM**, Nottingham SL, Eberman LE, Neil ER**, Welch Bacon CE. Unique challenges and needs for patient care documentation in the secondary school setting. *J Athl Train*. 2019;54(6S):S-137
 69. Ha ML, **Kasamatsu TM, Montgomery MM**, Marttinen RH. Perceptions & experiences of faculty in higher education regarding the return-to-school process following concussion. *J Athl Train*. 2019;54(6S):S-23

SYMPOSIA & INVITED LECTURES

1. **Lockie, R.G.** (2019). A police department is not a laboratory: Challenges and recommendations for working with police populations. *Nebraska National Strength and Conditioning Association State Clinic*, Omaha, USA, November 9.
2. Orr, R.M., Dawes, J.J., **Lockie, R.G.** & Dulla, J.M. (2019). Understanding physical fitness and employment standards. *126th International Association of Chiefs of Police Annual Conference and Exposition*, Chicago, USA, October 26-29.
3. Dawes, J.J. & **Lockie, R.G.** (2019). A police department is not a laboratory. *2019 NSCA Tactical Annual Training*, San Antonio, USA, August 20-23.

4. **Pamukoff DN** and Seely MK. Effects of walking and running knee articular cartilage in healthy and injured knees. Southwest American College of Sports Medicine Meeting. Newport Beach CA. Oct 25-26, 2019. Symposium.
5. **Statler, T.** (2018, October). Taking the CMPC Exam: Preparation + Strategy = Success. *Association for Applied Sport Psychology annual conference*. Portland, OR.
6. Gnacinski, S., Meyer, B., Nai, M., Wahl, C., Brenner, V., & **Statler, T.** (2019, October). "A systems-based approach to recovery intervention in elite sport environments." *Association for Applied Sport Psychology annual conference*. Portland, OR.
7. **Statler, T.** (2019, April). The Athlete with the "Incurable Yips". *American Medical Society for Sports Medicine annual meeting*. Houston, TX.
8. **Statler, T.**, & Scott, D. (2019, April). Collaborative service Provision for High Performance Mental Health. *American Medical Society for Sports Medicine annual meeting*. Houston, TX.
9. **Statler, T.** (2019, April). Balancing your "real job" with your "side job". *AASP Virtual Conference: Best Practices in Starting, Developing, and Sustaining a Private Practice*.
10. **Statler, T.** (2019, January). Sport Psych for the Vault Coach. *USA Pole Vault Summit*, Reno, NV.
11. Nottingham SL, **Kasamatsu TM**, Eberman LE, Neil ER, Welch Bacon CE. Aspects of technology that influence athletic trainers' current patient care documentation strategies in the secondary school. Oral presentation (Free Communications) at NATA Clinical Symposia & AT Expo. Las Vegas, NV. June 2019. Oral presentation at the Rocky Mountain Athletic Trainers' Association Symposium. Phoenix, AZ. April 2019.
12. Neil ER, Welch Bacon CE, **Kasamatsu TM**, Nottingham SL, Eberman L. Asynchronous, practice-based learning module designed to enhance athletic trainers' knowledge and application of medical documentation. Oral presentation (Free Communications) at NATA. June 2019.
13. Gardner LM, **Kasamatsu TM**, **Montgomery MM**. Athletic trainers' perceptions of patient reported outcomes integration. Oral Presentation (Free Communications) at NATA. June 2019.
14. **Kasamatsu TM**, Nottingham SL, Eberman LE, Neil ER, Welch Bacon CE. Unique challenges and needs for patient care documentation in the secondary school setting. Oral presentation (Free Communications) at NATA. Las Vegas, NV. June 2019; & Poster presented at FWATA, San Diego, CA. April 2019. **FWATA Peer-Reviewed Track Research Presentation Award (1st Place)**.
15. Ha ML, **Kasamatsu TM**, **Montgomery MM**, Marttinen RH. Perceptions & experiences of faculty in higher education regarding the return-to-school process following concussion. Oral presentation (Free Communications) at NATA, Las Vegas, NV. June 2019. & Poster presented at FWATA, San Diego, CA. April 2019.

FACULTY AND STUDENT AWARDS & SUCCESS

Student

1. **Dolores Ortega**: CSUF's nominee for the American Kinesiology Association (AKA) Undergraduate Scholar Award
2. **Kelsey Hazama**: Accepted to Physician Assistant Program: University of Washington
3. **Kristy Leung**: Accepted to Occupational Therapy Program: Loma Linda University
4. **Aleksander Beljic, Erika Hernandez, Tomas Ruvalcaba**: Giles T. Brown Graduate Student Travel Fund Award Winners.

5. **Aleksander Beljic:** Finalist for the postgraduate student poster award at the *41st National Strength and Conditioning Association National Conference and Exhibition*, Indianapolis, USA, July 11-14.
6. **Aleksander Beljic:** Hired as Assistant Strength and Conditioning Coach at CSUF Department of Athletics.
7. **Margaret Ha:** Research Poster Finalist for the Peer-Reviewed Track Far West Athletic Trainers' Association Research & Grants Free Communications Program.
8. **Frances Cacho:** Accepted to PhD Program: Florida State University
9. **Seth Rose:** Accepted to PhD Program: University of Idaho
10. **Eric Shumski:** CSUF Department of Kinesiology Graduate Scholarship (2019)
11. **Caitlyn Heredia:** Giles T. Brown Travel Award (2019)
12. **Skylar Holmes:** American Society of Biomechanics Diversity Travel Award (2019)
13. **Skylar Holmes:** ACSM Biomechanics Interest Group Student Travel Award (2019)

Faculty

1. **Pablo Costa:** Elected Research Committee Chair – *National Strength and Conditioning Association*, 2019 – 2022
2. **Tricia Kasamatsu:** Far West Athletic Trainers' Association (District 8) Special Recognition Award. April 2019.
3. **Tricia Kasamatsu and colleagues:** Journal of Athletic Training's Clint Thompson Award for Clinical Advancement -- for the paper titled Future strategies to enhance patient care documentation among athletic trainers: a report from the Athletic Training Practice-Based Research Network
4. **Derek Pamukoff:** Biomechanics Interest Group Young Scientist Research Award - American College of Sports Medicine, (2019)
5. **Derek Pamukoff:** Elected to Chair of Medicine in Team Sports Interest Group - American College of Sports Medicine, (2019)

*Student Name – Student first author