

CONTACT:

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 School of Biological and Population Health Sciences
 College of Public Health and Human Sciences
 Oregon State University
 Corvallis, Oregon 97331
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 sam.johnson@oregonstate.edu

EDUCATION:

OREGON STATE UNIVERSITY Corvallis, Oregon
 DOCTOR OF PHILOSOPHY IN EXERCISE AND SPORT SCIENCE March 2009
 Concentration: Sports Medicine
 Dissertation: Spinal Control Differences Between the Sexes

UNIVERSITY OF NEVADA, LAS VEGAS Las Vegas, Nevada
 MASTER OF SCIENCE IN KINESIOLOGY August 2000
 Emphasis: Sports Injury Management
 Thesis: Comparison of Ground Reaction Forces During Running
 and Form Skipping

TEXAS CHRISTIAN UNIVERSITY Fort Worth, Texas
 BACHELOR OF SCIENCE IN PHYSICAL EDUCATION May 1998
 Major: Movement Science
 Endorsement: Athletic Training

PROFESSIONAL EXPERIENCE:

OREGON STATE UNIVERSITY
School of Biological and Population Health Sciences
 CLINICAL ASSOCIATE PROFESSOR September 2017 - Present
 CLINICAL ASSISTANT PROFESSOR September 2011 - September 2017

Athletic Training Major
 CLINICAL EDUCATION COORDINATOR September 2011 - Present

Department of Nutrition and Exercise Sciences
 INSTRUCTOR March 2009 - June 2011

UNIVERSITY OF PORTLAND
Department of Athletics
 ATHLETIC TRAINER September 2008 - April 2009

OREGON STATE UNIVERSITY
Department of Nutrition and Exercise Sciences
 GRADUATE TEACHING ASSISTANT September 2003 - June 2008

SAN JOSÉ STATE UNIVERSITY
Department of Human Performance
 LECTURER August 2001 - June 2003
 ASSISTANT PROGRAM DIRECTOR - UNDERGRADUATE & GRADUATE ATHLETIC
 TRAINING EDUCATION PROGRAMS

STANFORD UNIVERSITY
Department of Athletics, Physical Education, & Recreation
 ASSISTANT ATHLETIC TRAINER March 2001 - August 2001
 ATHLETIC TRAINING INTERN September 2000 - March 2001

UNIVERSITY OF NEVADA, LAS VEGAS July 1998 - August 2000
Department of Athletics, Student Health Center, & Intramural Sports
 GRADUATE ASSISTANT ATHLETIC TRAINER

Referred Publications:

1. Li T, Norcross MF, **Johnson ST**, Koester MC. Cost-benefit of hiring athletic trainers in Oregon high schools from 2011 to 2014. *J Ath Train* (Accepted).
2. Hoffman MA, Doeringer JR, Norcross MF, **Johnson ST**, Chappell P. Presynaptic inhibition decreases when estrogen level rises. *Scand J Med Sci Sport*. (Accepted).
3. Pollard CD, Norcross MF, **Johnson ST**, Chang E, Ring A, Hoffman MA. A biomechanical comparison of dominant and non-dominant limbs during a side-step cutting task which has been associated with ACL injury. *Sports Biomech*. (Accepted).
4. Hoffman MA, Norcross MF, **Johnson ST**, The H-reflex is different in males and females. *NeuroReport*. (Accepted).
5. Morgan EA†, **Johnson ST**, Bovbjerg VE, Norcross MF. Associations between player age and club soccer coaches' perceptions of injury risk and lower extremity injury prevention program use. *International Journal of Sports Science & Coaching* (In Press).
6. **Johnson ST**, Norcross MF, Bovbjerg VE, Hoffman MA, Chang E*, Koester MC, Sports-related emergency preparedness in Oregon high schools. *Sports Health* 2017;9:181-184.
7. Norcross MF, **Johnson ST**, Pollard CD, Chang E*, Hoffman MA. Normalization influences group comparisons of knee abduction moment: Could it influence ACL-injury research, too? *J Sci Med Sport* 2017;20(4):318-321.
8. Cronin B*, **Johnson ST**, Chang E*, Pollard CD, Norcross MF. Greater hip extension but not hip abduction explosive strength is associated with lesser hip adduction and knee valgus motion during a single-leg jump-cut. *Orthopedic J Sports Med* 2016;4(4). ([Link](#))
9. Norcross MF, **Johnson ST**, Bovbjerg VE, Koester MC, Hoffman MA. Factors influencing high school coaches' adoption of injury prevention programs. *J Sci Med Sport* 2016;19:299-304.
10. **Johnson ST**, Kipp K, Norcross MF, Hoffman MA. Spinal and supraspinal motor control predictors of rate of torque development. *Scand J Med Sci Sport* 2015; 25: 623-9. ([Link](#))
11. Chang E*, Norcross MF, **Johnson ST**, Kitagawa T, Hoffman MA. Relationships between explosive and maximal triple extensor muscle performance and vertical jump height. *J Strength Cond Res* 2015; 29:545-51.
12. **Johnson ST**, Kipp K, Hoffman MA. Spinal motor control differences between the sexes. *Eur J Appl Physiol* 2012; 112:3859-64. ([Link](#))
13. Kipp K, **Johnson ST**, Hoffman M. Spectral properties of H-reflex recordings after an acute bout of whole-body vibration. *J Strength Cond Res* 2012; 26:1915-1919. ([Link](#))
14. Kipp K, **Johnson ST**, Hoffman MA. Effects of homosynaptic depression on spectral properties of H-reflex recordings. *Somatosens Mot Res* 2012; 29: 38-43 ([Link](#))
15. Kipp K, **Johnson ST**, Hoffman M. Functional principal component analysis of H-reflex recruitment curves. *J Neurosci Methods* 2011;197:270-3. ([Link](#))
16. Kipp K, **Johnson ST**, Doeringer JR*, Hoffman MA. Spinal reflex excitability and homosynaptic depression after a bout of whole-body vibration. *Muscle Nerve* 2011;43:259-262.
17. Hong J, Kipp K, **Johnson S**, Hoffman M. Effects of 4 weeks of whole body vibration on electromechanical delay, rate or force development, and pre-synaptic inhibition. *Int J Physiotherapy Rehabilitation* 2010;1:30-40. ([Link](#))
18. **Johnson ST**, Hoffman MA. A comparison of isometric hip rotation strength at varying angles of hip flexion. *J Sport Rehabil* 2010;19:12-20. ([Link](#))
19. **Johnson ST**, Mercer JA, Golden GM, Mangus BC, Hoffman MA. Comparison of ground reaction forces during running and form skipping. *J Sport Rehabil* 2005;14:338-345. ([Link](#))

20. Kahanov L, Furst D, **Johnson S**, Roberts J. Adherence to drug-dispensation and drug-administration laws and guidelines in collegiate athletic training rooms. *J Ath Train* 2003;38:252-258. ([Link](#))

*Graduate Student Researcher ‡ Undergraduate Student Researcher

REFEREED MANUSCRIPTS IN REVIEW:

1. Chang E, **Johnson ST**, Pollard CD, Hoffman MA, Norcross MF. Landing biomechanics in ACLR females who pass or fail a functional test battery. *The Knee*. In review.

REFEREED ABSTRACTS:

1. Li T, Norcross M, **Johnson S**, Hommel A, Koester M. Return on investment of high school athletic trainers: A microsimulation analysis on medical claims. *The 2018 AcademyHealth Annual Research Meeting* Seattle, WA, June 25, 2018. *Accepted*
2. **Johnson ST**, Norcross MF, Bovbjerg, Koester MC. Barriers and facilitators of implementing emergency action plans in Oregon high schools. 2018 National Athletic Trainers' Association 66th Clinical Symposia and AT Expo. New Orleans, Louisiana. *Accepted*
3. Huang YL*, **Johnson ST**, Norcross MF. Relationships between triple extensor explosive strength and horizontal jump performance. 2018 National Athletic Trainers' Association 66th Clinical Symposia and AT Expo. New Orleans, Louisiana. *Accepted*
4. Norcross MF, **Johnson ST**, Bovbjerg. Athletic exposure methodology influences injury risk estimates in collegiate sports. 2018 National Athletic Trainers' Association 66th Clinical Symposia and AT Expo. New Orleans, Louisiana. *Accepted*
5. Li T, Norcross MF, **Johnson ST**. Is expanding high school athletic trainers a cost-effective way for injury control and emergency health services: A medical claims analysis. 2017 American Public Health Association Annual Meeting and Expo. Atlanta, Georgia.
6. Huang YL*, Chang E, **Johnson ST**, Pollard CD, Hoffman MA, Norcross MF. Comparison of quadriceps rate of torque development and sagittal plane knee kinematics during two jump tasks between ACL reconstructed and healthy females. 2017 National Athletic Trainers' Association 65th Clinical Symposia and AT Expo. Houston, Texas. *J Ath Train* 2017;52: S-81-82.
7. Bovbjerg VE, **Johnson ST**, Norcross MF, Hoffman MA. Athletic trainers as sporting event first responders. 2016 American Public Health Association Annual Meeting and Expo, Denver, Colorado.
8. Chang E*, **Johnson ST**, Pollard CD, Huang YL*, Hoffman MA, Norcross MF. Sagittal plane knee mechanics in those who pass or fail a functional test battery. 2017 National Athletic Trainers' Association 65th Clinical Symposia and AT Expo. Houston, Texas. *J Ath Train* 2017;52: S-82.
9. Stone C*, **Johnson ST**, Norcross MF, Hoffman MA. Consistency of H-reflex measures during explosive contraction. 2016 National Athletic Trainers' Association 66th Clinical Symposia and AT Expo. Baltimore, Maryland. *J Ath Train* 2016;51: S-292.
10. **Johnson ST**, Norcross MF, Chang E*, Bigam JT‡, Hoffman MA. Emergency action plans in high schools with and without athletic trainers. 2015 National Athletic Trainers' Association 65th Clinical Symposia and AT Expo. St. Louis, Missouri. *J Ath Train* 2015;50: S-106-107.
11. Chang E*, **Johnson ST**, Bigam JT‡, Hoffman MA, Norcross MF. Emergency care training requirements and AED availability in Oregon high schools. 2015 National Athletic Trainers' Association 65th Clinical Symposia and AT Expo. St. Louis, Missouri. *J Ath Train* 2015;50: S-108.
12. Norcross MF, **Johnson ST**, Bovbjerg VE, Koester MC, Chang E*, Hoffman MA. Coach use of injury prevention program activities during team warm-ups in high school sports. 2015 National Athletic Trainers' Association 65th Clinical Symposia and AT Expo. St. Louis, Missouri. *J Ath Train* 2015;50: S-67.
13. **Johnson ST**, Norcross MF, Chang E*, Bigam JT‡, Hoffman MA. Emergency action plans in high schools with and without athletic trainers. 2015 Northwest Athletic Trainers' Association Annual Meeting and Clinical Symposium. Spokane, Washington. March, 28, 2015.

14. Chang E*, **Johnson ST**, Bigam JT[‡], Hoffman MA, Norcross MF. Emergency care training requirements and AED availability in Oregon high schools. 2015 Northwest Athletic Trainers' Association Annual Meeting and Clinical Symposium. Spokane, Washington. March, 28, 2015.
15. Norcross MF, **Johnson ST**, Bovbjerg VE, Koester MC, Chang E*, Hoffman MA. Coach use of injury prevention program activities during team warm-ups in high school sports. 2015 Northwest Athletic Trainers' Association Annual Meeting and Clinical Symposium. Spokane, Washington. March, 28, 2015.
16. **Johnson ST**, Norcross MF, Hoffman MA. Hamstrings and quadriceps peak torque and rate of torque development during a time-critical period following ACL-reconstruction. 2014 National Athletic Trainers' Association 65th Clinical Symposia and AT Expo. Indianapolis, Indiana. *J Ath Train* 2014;49: S-123.
17. Kitagawa T*, Chang E*, Norcross MF, Hoffman MA, **Johnson ST**. The relationship between rate of torque development of the triple extensors at different time critical intervals. 2014 National Athletic Trainers' Association 65th Clinical Symposia and AT Expo. Indianapolis, Indiana. *J Ath Train* 2014;49:S214-215.
18. Eisenhard JS*, Norcross MF, Hoffman MA, **Johnson ST**. The relationship between static and dynamic balance measures. 2014 National Athletic Trainers' Association 65th Clinical Symposia and AT Expo. Indianapolis, Indiana. *J Ath Train* 2014;49S-195-196.
19. Hoffman MA, Doeringer JR*, Norcross MF, **Johnson ST**. The influence of estrogen levels on presynaptic inhibition. 2014 National Athletic Trainers' Association 65th Clinical Symposia and AT Expo. Indianapolis, Indiana. *J Ath Train* 2014;49S-212.
20. Chang E*, Kitagawa T*, **Johnson ST**, Hoffman MA, Norcross MF. Test-retest reliability and precision of hip, knee, and ankle extensor rate of torque development. 2014 National Athletic Trainers' Association 65th Clinical Symposia and AT Expo. Indianapolis, Indiana. *J Ath Train* 2014;49S-233-234.
21. Stone A[‡], Pollard CD, **Johnson S**, Hoffman M, Chang E*, Norcross M. Knee and hip mechanics during side-step cutting: A comparison between dominant and non-dominant limbs. 2014 Northwest Biomechanics Symposium. Salem, Oregon. May 16, 2014.
22. Norcross M, **Johnson S**, Hoffman M. The prevalence of injury prevention program use by high school teams. 2014 International Olympic Committee World Conference on the Prevention of Injury and Illness in Sport. Monte Carlo, Monaco. April 12, 2014.
23. **Johnson ST**, Norcross MF, Pollard CD, Hoffman MA. Relationship of rate of torque development and contractile impulse during time critical periods. 2013 American Society of Biomechanics 37th Annual Meeting. Omaha, Nebraska. September 5, 2013.
24. **Johnson ST**, Norcross MF, Doeringer JD*, Pollard CD, Hoffman MA. Contractile impulse differences between the sexes during time critical periods. 2013 National Athletic Trainers' Association 64th Annual Meeting and Clinical Symposia. Las Vegas, Nevada. *J Ath Train* 2013;48:S186-187.
25. Norcross MF, Pollard CD, **Johnson ST**, Doeringer JD*, Hoffman MA. Relationship between ACL-injury related knee mechanics during double-leg landings and side-step cuts. 2013 National Athletic Trainers' Association 64th Annual Meeting and Clinical Symposia. Las Vegas, Nevada. *J Ath Train* 2013;48:S226.
26. Pollard CD, Norcross MF, **Johnson ST**, Hoffman MA. Knee and hip mechanics during side-step cutting: a comparison between dominant and non-dominant limbs. 2013 American College of Sports Medicine 60th Annual Meeting. Indianapolis, Indiana. *Med Sci Sports Exerc*. 2013;45S462-463.
27. Norcross MF, Pollard CD, **Johnson ST**, Hoffman MA. Lower extremity energy absorption during double-leg landings is not influenced by limb dominance. 2013 American College of Sports Medicine 60th Annual Meeting. Indianapolis, Indiana. *Med Sci Sports Exerc*. 2013;45S78-79.
28. McGregor SF[‡], **Johnson ST**, Pavol MJ. Effects of long-term use of ankle taping on balance. 2012 American Society for Biomechanics Annual Meeting. Gainesville, Florida. August 17, 2012.
29. Kipp K, **Johnson ST**, Hoffman M. Functional data analysis of spinal-reflex recruitment curves. 2011 American College of Sports Medicine 58th Annual Meeting. Denver, Colorado. *Med Sci Sports Exerc*. 2011;43S645.

30. Hong J, Kipp K, **Johnson ST**, Hoffman M. Effects of 4 weeks whole body vibration training on electromechanical delay, rate of force development, and presynaptic inhibition. 2011 American College of Sports Medicine 58th Annual Meeting; Denver, Colorado. *Med Sci Sports Exerc.* 2011;43:S646.
31. **Johnson ST**, Kipp K, Hoffman MA. Rate of torque development differs between the sexes during time-critical periods. 2010 National Athletic Trainers' Association 61st Annual Meeting and Clinical Symposia; Philadelphia, Pennsylvania. *J Ath Train* 2010;45:S106-107.
32. **Johnson ST**, Hoffman MA. Spinal control differences between the sexes. ACL Retreat V; Greensboro, North Carolina. *J Ath Train* 2010; 45:523-524.
33. **Johnson ST**, Hoffman MA. Spinal control differences between the sexes. 2009 National Athletic Trainers' Association 60th Annual Meeting and Clinical Symposia; San Antonio, Texas. *J of Ath Train* 2009;44:S96.
34. **Johnson ST**, Kipp K, Hoffman MA. Spinal control contributions to rate of force development. 2009 American College of Sports Medicine 56th Annual Meeting; Seattle, Washington. *Med Sci Sports Exerc.* 2009;41:S521.
35. Kipp K, Doeringer J, **Johnson ST**, Hoffman MA. The effects of whole-body vibration on spinal excitability and intrinsic pre-synaptic inhibition. 2009 American College of Sports Medicine 56th Annual Meeting; Seattle, Washington. *Med Sci Sports Exerc.* 2009;41:S261.
36. Doeringer J, Kipp K, **Johnson S**, Hoffman MA. The short-term effect of whole-body vibration on the spinal reflex activation of the soleus and gastrocnemius. 2009 American College of Sports Medicine 56th Annual Meeting; Seattle, Washington. *Med Sci Sports Exerc.* 2009;41:S261.
37. Winkelman NC[‡], **Johnson ST**, Van Ryssegem GA, Hoffman MA. The effect of performing unilateral contractions before maximal effort on the bilateral deficit in untrained individuals. 2006 National Strength & Conditioning Association Annual Meeting; Washington D.C. *J Strength Cond Res* 2006;20:e3.
38. Hoffman MA, **Johnson ST**. A comparison of intramuscular and surface peroneal H-reflexes. National Athletic Trainers' Association 57th Annual Meeting and Clinical Symposia; Atlanta, Georgia. *J Ath Train* 2006;41:S107.
39. **Johnson ST**, Hoffman MA. A comparison of isometric hip rotation strength at varying angles of hip flexion. 2006 American College of Sports Medicine 53rd Annual Meeting; Denver, Colorado. *Med Sci Sports Exerc.* 2006;38:S291.
40. **Johnson ST**, Mercer JA, Golden GM, Mangus BC, Hoffman MA. Comparison of ground reaction forces during running and form skipping. 2001 National Athletic Trainers' Association 52nd Annual Meeting and Clinical Symposia; Los Angeles, California. *J Ath Train* 2001;36:S36.

*Graduate Student Researcher ‡ Undergraduate Student Researcher

PRESENTATIONS:

1. **Johnson ST**. Preparedness for sports-related emergencies: How do we increase implementation of best practice recommendations. 2015 Northwest Athletic Trainers' Association Annual Meeting & Clinical Symposium. Portland, Oregon. March 24, 2018.
2. Norcross MF, **Johnson ST**. Explosive strength training for injury prevention – It's a hip thing to do! 2017 IOC Conference on Prevention of Illness and Injury in Sport. Monte Carlo, Monaco. March 17, 2017.
3. **Johnson ST**. Emergency action plans: The good, the bad, and the ugly. 2017 IOC Conference on Prevention of Illness and Injury in Sport. Monte Carlo, Monaco. March 16, 2017.
4. **Johnson ST**. Preparedness for sports-related emergencies: How do we increase implementation of best practice recommendations. 2016 Oregon Athletic Trainers' Society Summer Symposium. Portland, Oregon. July 9, 2016.
5. **Johnson ST**. Where does the road lead? Future directions in athletic training and public health. Part of symposium: Integration of athletic training and public health: From the care of a patient to a population presented with Hoffman MA, Bovbjerg VE, Norcross, MF. 2016 National Athletic Trainers' Association 66th Clinical Symposia and AT Expo Baltimore, Maryland. June 23, 2016.
6. **Johnson ST**. Practical strategies for improving program implementation in secondary schools. Part of symposium: Improving the effectiveness of injury prevention in the secondary school setting through coach cooperation with

- Hoffman MA, Norcross MF. 2015 Northwest Athletic Trainers' Association Annual Meeting & Clinical Symposium. Spokane, Washington. March 28, 2015.
7. **Johnson ST**, Hannigan KS. Athletic training entry level education: The white paper process and future directions of educational programs and the profession. University of Oregon State of the Profession Symposium. Eugene, Oregon. May 10, 2014.
 8. **Johnson ST**. Application of dynamical systems theory to rehabilitation of athletic injuries. 2011 Northwest Athletic Trainers' Association Annual Meeting. Eugene, Oregon. March 21, 2011.
 9. **Johnson ST**. Spinal control differences between the sexes. Portland Athletic Center of Excellence. Portland, Oregon. April 9, 2009.
 10. **Johnson ST**, Hoffman MA. Anatomy of the anterior cruciate ligament. 2007 Northwest Athletic Trainers' Association Annual Meeting. Vancouver, Washington. March 23, 2007.
 11. **Johnson ST**. Proper wound care considerations for the athletic trainer. Santa Clara University Sports Medicine Department. Santa Clara, California. May 2002.
 12. **Johnson ST**. Reconditioning of biomotor abilities for lower extremity injuries. California Athletic Trainers Association Region II – Spring Meeting. Los Altos Hills, California. March 18, 2002.

FUNDED GRANTS:

Scaling up student-athlete exposure tracking using <i>PacTrac</i> Pac 12 Student Athlete Health and Well-Being Grant Program Norcross MF, Johnson ST , Scaffidi C, Role: Co-Investigator \$369,910	2018 - 2020
Evaluation of potential impact of high-school Athletic Trainers Oregon School Activities Association Foundation Li T, Norcross MF, Johnson ST . Role: Co-Investigator \$3,760	July 2016 – July 2017
How much is enough? Enhancing the precision of team injury estimates using detailed athlete exposure information Pac 12 Student Athlete Health and Well-Being Grant Program Norcross MF, Johnson ST , Bovbjerg VE, Role: Co-Investigator \$148,327	January 2016 - May 2017
Improving rapid torque production and functional performance with bodyweight training John C. Erkkila, MD. Endowment for Health and Human Performance Johnson ST , Norcross MF, Hoffman MA. Role: Principal Investigator \$19,880	2014 - 2015
The influence of coach warm-up practices on Oregon high school student-athletic injury risk John C. Erkkila, MD. Endowment for Health and Human Performance Norcross MF, Johnson ST , Bovbjerg VE, Hoffman MA. Role: Co-Investigator \$19,795	2014 - 2015
Potential Neuromuscular Mechanisms of Non-Contact Anterior Cruciate Ligament Injury Oregon State University – Cascades Circle of Excellence Research Collaboration Pollard CP, Norcross MF, Johnson ST , Hoffman MA, Role: Co-Investigator \$5,000	2012
Neural control differences of the sexes National Athletic Trainers' Assoc. Research & Education Foundation Johnson ST , Hoffman MA. Role: Principal Investigator \$2,475	2007-2008

UNFUNDED GRANTS:

Head Trauma: Versatility and efficiency of accelerometry for assessing dynamic balance control following concussion in college athletes Pac 12 Student Athlete Health and Well-Being Grant Program Chou L, Golden GM, Johnson ST , Osternig L. Role: Co-Investigator \$481,564	2018
Enhancing lower extremity injury prevention by improving implementation effectiveness National Athletic Trainers' Assoc. Research & Education Foundation Norcross MF, Johnson ST , Bovbjerg VE, Hoffman MA. Role: Co-Investigator \$22,974	2014
Improving the effectiveness of high school injury prevention through cooperation John C. Erkkila, MD. Endowment for Health and Human Performance Norcross MF, Johnson ST , Bovbjerg VE, Hoffman MA. Role: Co-Investigator \$19,992	2013
Improving the effectiveness of high school injury prevention through cooperation Oregon State University Research Office: General Research Fund Norcross MF, Bovbjerg VE, Johnson ST , Hoffman MA. Role: Co-Investigator \$4,440	2013
School-based lower extremity injury prevention: A pilot study to determine implementation feasibility Oregon State University Research Office: General Research Fund Norcross MF, Johnson ST , Hoffman MA. Role: Co-Investigator \$4,440	2012
Enhancing learning by updating technology in Langton 129 Oregon State University: Technology Resources Fund Hannigan KS, Johnson ST , Role: Co-Investigator \$45,568	2012
Identification of predisposing factors for female anterior cruciate ligament injury National Institutes of Health (R21) Hoffman MA, Johnson ST , Bovbjerg VE, Role: Co-Investigator \$275,000	2010

RESEARCH ADVISING:**DOCTORAL COMMITTEE MEMBER**

- Justin Ter Har. Oregon State University, College of Public Health & Human Sciences, Kinesiology. 2022 (Anticipated).
- Michele Catena. Oregon State University, College of Public Health & Human Sciences, Kinesiology. 2019 (Anticipated).
- Yu-Lun (Anita) Huang. Oregon State University, College of Public Health & Human Sciences, Kinesiology. 2019 (Anticipated).
- Eunwook Chang. Evaluating the usefulness of a functional test battery for determining return to full activity in females with anterior cruciate ligament reconstruction. Oregon State University, College of Public Health & Human Sciences, Kinesiology. 2016.
- Jeffrey Doeringer. The effects of plyometrics on neuromuscular control. Oregon State University, College of Public Health & Human Sciences, Exercise and Sport Science. 2013.
- Erica Perrier. Spinal reflex control in healthy and ACL-injured women during a distracting Task. Oregon State University, College of Public Health & Human Sciences, Exercise and Sport Science. 2011.

MASTER'S THESIS COMMITTEE CHAIR

- Clara Stone. Spinal motor control and explosive muscle activation. Oregon State University, College of Public Health & Human Sciences, Exercise and Sport Science. 2015.

Jordyn Eisenhard. A comparison of two balance programs. Oregon State University. College of Public Health & Human Sciences, Exercise and Sport Science. 2013.

Taichi Kitagawa. Relationship of rate of torque development of the triple extensors at different time intervals. Oregon State University. College of Public Health & Human Sciences, Exercise and Sport Science. 2013.

Melanie Dinger. Evaluating balance and strength of older adult women in exercise programs. Oregon State University. College of Public Health & Human Sciences, Exercise and Sport Science. 2013.

MASTER'S THESIS COMMITTEE MEMBER

John Welch. What frequency of whole body vibration maximizes muscular strength and vertical jump height? Oregon State University. College of Public Health & Human Sciences, Exercise and Sport Science. 2016.

Baker Cronin. The influence of hip abduction, extension, and external rotation rate of torque development on frontal-plane biomechanics during single-leg jump-cuts. Oregon State University. College of Public Health & Human Sciences, Exercise and Sport Science. 2015.

Anne Pollard. The effect of exercise on the biomechanical determinants of knee energy absorption during single-leg jump-cuts. Oregon State University. College of Public Health & Human Sciences, Exercise and Sport Science. 2015.

Megan Irwin. Motor and social development: Differences between children with and without autism. Oregon State University. College of Public Health & Human Sciences, Exercise and Sport Science. 2013.

Lisa Lawrence. A qualitative study of long-term injury and body image. San José State University. College of Applied Sciences and Arts, Kinesiology. 2003.

Paul-Wayne Mahlow. The effects of a core stability program on hamstring range of motion. San José State University. College of Applied Sciences and Arts, Kinesiology. 2003.

MASTER'S PROJECT COMMITTEE CHAIR

Kylee Fullerton. Oregon State University. College of Public Health & Human Sciences, Athletic Training. 2018 (Anticipated).

Mackenzie Marques. Oregon State University. College of Public Health & Human Sciences, Athletic Training. 2018 (Anticipated).

MASTER'S PROJECT COMMITTEE MEMBER

Alexander Lipcius. Educating high school coaches on the importance of adequate hydration status in their athletes for health and performance benefits. Oregon State University. College of Public Health & Human Sciences, Exercise and Sport Science. 2016.

Adam Eisner. Hallux plantar-flexion strength and limit of stability among older adults. Oregon State University. College of Public Health & Human Sciences, Exercise and Sport Science. 2015.

Jenny Garrard. Iron and the collegiate athlete. Oregon State University. College of Public Health & Human Sciences, Exercise and Sport Science. 2011.

Danielle Kilboy. Anterior cruciate ligament injury risk factors and prevention strategies. Oregon State University. College of Public Health & Human Sciences, Exercise and Sport Science. 2011.

UNDERGRADUATE HONORS COLLEGE THESIS COMMITTEE MENTOR / CHAIR

Adam Kiff. Effect of Focus of Attention on Rate of Torque Development in the Knee Extensors. Oregon State University. College of Public Health & Human Sciences, Kinesiology. 2017.

Chris Asplund. The Effects of Exhaustive Exercise on ACL Injury Risk. Oregon State University. College of Public Health & Human Sciences, Exercise and Sport Science. 2016.

Jaime Wright. Relationship Between Rate of Torque Development and Contractile Impulse in Three Muscle Groups. Oregon State University. College of Public Health & Human Sciences, Biology. 2016.

Michelle Oenning. The Effects of a Bodyweight Only Training Program on Physical Self-Perception. Oregon State University. College of Public Health & Human Sciences, Exercise and Sport Science. 2015.

UNDERGRADUATE HONORS COLLEGE THESIS COMMITTEE CO-MENTOR / CO-CHAIR

Casey Masterson. People Say it's just a Sport. Oregon State University. College of Public Health & Human Sciences, French. 2013.

UNDERGRADUATE HONORS COLLEGE THESIS COMMITTEE MEMBER

Elle Morgan. The Influence of Player Age on Club Coaches' Perceptions of Injury Risk and Lower Extremity Injury Prevention Program Use. Oregon State University. College of Public Health & Human Sciences, Exercise and Sport Science. 2016.

Roy Almog. The Influence of Knee Extension Rate of Torque Development on Sagittal Plane Knee Biomechanics during Landing. Oregon State University. College of Public Health & Human Sciences, Exercise and Sport Science. 2015.

Dylan Wile. Sex Differences in Triple Extensor Rate of Torque Development may Explain Variance in Vertical Jump Performance. Oregon State University. College of Public Health & Human Sciences, Athletic Training. 2015.

James Weillbrenner. The Influence of External Focus of Attention Feedback on ACL Injury Related to Landing Biomechanics. Oregon State University. College of Public Health & Human Sciences, Exercise and Sport Science. 2014.

Mackenzie Curren. The Effects of Sex and Task on Biomechanical Factors Related to ACL Injury. Oregon State University. College of Public Health & Human Sciences, Exercise and Sport Science. 2013.

Stephanie McGregor. The Effect of Long-term Use of Ankle Taping on Balance. Oregon State University. College of Public Health & Human Sciences, Bioengineering. 2013.

Chad Etzel. A Literature Review of the Functional Movement Screen as a Predictor of Injury in the Sport of Basketball. Oregon State University. College of Public Health & Human Sciences, Exercise and Sport Science. 2012.

Stephanie Cohen. Digit Span Ratio, Joint Laxity, and Muscular Strength as Predisposing Factors for Female ACL Injuries. Oregon State University. College of Public Health & Human Sciences, Exercise and Sport Science. 2010.

Shawn Werner. Relationship Between Digit Ratio and ACL Injuries in Collegiate Athletes. Oregon State University. College of Public Health & Human Sciences, Exercise and Sport Science. 2008.

UNDERGRADUATE RESEARCH AWARDS PROGRAM

Kelsey Uno. Does isometric only training improve explosive strength? Oregon State University. College of Public Health & Human Sciences, 2014-2015.

Adam Kiff. Effects of Focus of Attention on Muscle Activation and Torque Production. Oregon State University. College of Public Health & Human Sciences, 2013-2014.

Natalie Swanson. Measuring Static and Dynamic Balance: Examining Relationships Between Time-to-Boundary and Time-to-Stabilization. Oregon State University. College of Public Health & Human Sciences, 2012-2013.

Cheryl Truong. Examining the Relationship between Maximum Strength and Rate of Torque Development of the Lateral Hip Muscles in Older Adult Women. Oregon State University. College of Public Health & Human Sciences, 2011-2012.

Allison Fisher & Stephanie Cohen. Digit Span Ratio, Joint Laxity, and Muscular Strength as Predisposing Factors for Female ACL Injuries. Oregon State University. College of Public Health & Human Sciences, 2009 - 2010.

DELOACH WORK SCHOLARSHIP PROGRAM

Judy Jiang. Oregon State University. Honors College. 2014

STEM LEADERS PROGRAM

Maria Torres. Oregon State University. 2015.

TEACHING EXPERIENCE:**OREGON STATE UNIVERSITY - GRADUATE COURSES**

Motor Control and Movement Dysfunction (KIN 515)
Athletic Training Program Management (KIN 568)
Emergency Management of Sports Trauma (KIN 565)
Lower Extremity Therapeutic Exercise (KIN 586)
Athletic Training Internship (KIN 510)

Athletic Training Practicum (KIN 509)
 Special Topics: Athletic Training (KIN 599)
 Special Topics: Research Methods in Neuromechanics/Motor Control (EXSS 599)

OREGON STATE UNIVERSITY - UNDERGRADUATE COURSES

Advanced Therapeutic Exercise (EXSS 459)
 Athletic Training Program Management (KIN/EXSS 452)
 Orthopedic Assessment of Athletic Injuries (EXSS 450)
 Advanced Human Anatomy and Physiology (ZOO 442)
 Movement Skill Learning and Control (EXSS 411)
 Professional Activities: Resistance Training Program Design (KIN 394)
 Internship (EXSS 410)
 Therapeutic Exercise (EXSS 385)
 Analysis of Critical Issues in Exercise and Sport Science (EXSS 381)
 Therapeutic Modalities (EXSS 380)
 Goniometry & Manual Muscle Testing (EXSS 358)
 Spine Assessment (EXSS 357)
 Orthopedic Assessment of Upper Extremity Injuries (EXSS 350)
 Motor Behavior (EXSS 311)
 Emergency Management of Athletic Injuries (KIN 365; EXSS 265)
 Taping and Bracing (EXSS 258)
 Lower Extremity Evaluation Practicum (EXSS 258)

SAN JOSÉ STATE UNIVERSITY - GRADUATE COURSES

Advanced Theories of Therapeutic Exercise & Modalities (HuP 272)

SAN JOSÉ STATE UNIVERSITY - UNDERGRADUATE COURSES

Practicum in Athletic Training (HuP 197)
 Therapeutic Exercise of Athletic Injuries (HuP 194)
 Organization and Administration in Athletic Training (HuP 193)
 Advanced Assessment of Athletic Injuries (HuP 192)
 Emergency Management of Athletic Trauma (HuP 190)
 Prevention and Care of Athletic Injuries (HuP 188)
 Intermediate Principles of Weight Training (HuP 035b)
 Beginning Principles of Weight Training (HuP 035a)

MISSION COLLEGE - UNDERGRADUATE COURSES

Sports Injury (PE 021)

FACULTY DEVELOPMENT:

CAMPUS SECURITY AUTHORITY TRAINING D. Stafford and Associates	December 2015
BEHIND HAPPY FACES Oregon State University Athletic Department and Counseling and Psychological Services	June 2015
THE SCIENCE OF LEARNING, BIG DATA, TECHNOLOGY AND TRANSFORMATIONS IN EDUCATION By Candace Thille sponsored by Oregon State University	March 2015
INCLUSIVE TEACHING IN A DIVERSE CLASSROOM: STRATEGIES FOR INCREASING PARTICIPATION AND PEER-TO-PEER LEARNING Oregon State University Center for Teaching & Learning and the College of Public Health & Human Sciences	November 2014
GRANT WRITING WORKSHOP By Peg AtKisson sponsored by the College of Public Health & Human Sciences	March 2013
INTRODUCTION TO PROBLEM BASED LEARNING Oregon State University Center for Teaching & Learning	January 2013

WRITING INTENSIVE CURRICULUM PROGRAM SEMINAR Five-week training program on teaching writing intensive courses. Presented by the Oregon State University Writing Intensive Curriculum.	Fall 2012
ASSESSMENT TRAINING Oregon State University Center for Teaching & Learning	June 2012
STATE OF THE PROFESSION: UTILIZING OUTCOME MEASURES IN ATHLETIC TRAINING By Chris Ingersoll sponsored by the Univ. of Oregon Dept. of Human Physiology	May 2012
GRANT WRITING WORKSHOP By David Morrison sponsored by the College of Public Health & Human Sciences	March 2012
MULTIPLE CHOICE TEST QUESTIONS: CAN WE MAKE THEM BETTER? By Joseph Taboada sponsored by the College of Veterinary Medicine	September 2011
CENTER FOR TEACHING & LEARNING SPRING TERM COLLABORATIVE WORKSHOP Oregon State University Center for Teaching & Learning	April 2011
MASTERING THE INTERACTIVE LECTURE: DON'T LET TRADITION STAND IN THE WAY OF STUDENT THINKING By Bill Roberson sponsored by the Center for Teaching & Learning	April 2011
COURSE PORTFOLIOS WORKSHOP Oregon State University Center for Teaching & Learning	May 2009
THE LEARNING BRAIN SERIES: THE DIMENSIONS OF LEARNING, EDUCATION, & BRAIN PLASTICITY By Michael Merzenich sponsored by the Center for Teaching & Learning	May 2009
MICROBIOLOGY 699: SUCCESS IN THE COLLEGE CLASSROOM 10-week course on best practices for teaching in the college classroom	Winter 2008
DISCOVER YOUR TEACHING PHILOSOPHY WORKSHOP Oregon State University Center for Teaching & Learning	February 2008
<u>PROFESSIONAL SERVICE:</u>	
OREGON ATHLETIC TRAINERS' SOCIETY Executive Board, President	March 2015 - Present
NORTHWEST ATHLETIC TRAINERS' ASSOCIATION Board of Directors, MEMBER Annual Meeting: MODERATOR	March 2015 - Present March 2014
NATIONAL ATHLETIC TRAINERS' ASSOCIATION Clinical Symposia & AT Expo: MODERATOR	June 2013-2015
NATIONAL ATHLETIC TRAINERS' ASSOCIATION RESEARCH AND EDUCATION FOUNDATION Educational Resources Committee: COMMITTEE MEMBER Building Blocks for Education: COMMITTEE MEMBER	April 2016 - Present April 2013 - April 2016
OREGON SCHOOL ACTIVITIES ASSOCIATION Sports Medicine Advisory Committee	September 2016 - Present
NORTHWEST BIOMECHANICS SYMPOSIUM Moderator	May 2014
Oregon Health Authority Statewide Opioid Health Education Campaign Project - Change Advisory Team: Member.	April 2018 - Present

Youth Sports Concussion Law Evaluation Group
 Suicide Prevention Resources for Athletic Department Personnel Workgroup

November 2017 - Present
 September 2017 - Present

LEGISLATIVE TESTIMONY:

SB 1547: Bill to expand list of health care professionals who can provide medical release to youth athletes suspected of having a concussion. House Health Care Committee	February 21 2018
SB 1547: Bill to expand list of health care professionals who can provide medical release to youth athletes suspected of having a concussion. Senate Health Care Committee	February 7, 2018
Informational Hearing on the Korey Stringer Institute Report on High School Athletic Safety. Senate Education Committee	November 14, 2017
SB 217: Bill to expand list of health care professionals who can provide medical release to youth athletes suspected of having a concussion. Senate Health Care Committee	March 30, 2017
SB 217: Bill to expand list of health care professionals who can provide medical release to youth athletes suspected of having a concussion. Senate Health Care Committee	February 9, 2017

LEGISLATIVE WORKGROUP:

Senate Health Care Committee - Concussion Return to Play	2017
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REVIEWER:

GUEST CO-EDITOR

Journal of Athletic Training Special Issue Athletic Training and Public Health

JOURNAL MANUSCRIPT REVIEWER AD-HOC

Adapted Physical Activity Quarterly
 HOMO - Journal of Comparative Human Biology
 Journal of Athletic Training
 Journal of Science and Medicine in Sport
 PLOS - One
 Orthopedic Journal of Sports Medicine
 Sports Health: A Multidisciplinary Approach

GRANT REVIEWER AD-HOC

Graduate Women in Science (2017)
 National Athletic Trainers' Association Research & Education Foundation General Grants Program (2004 - 2007, 2016, 2017)

ABSTRACT REVIEWER AD-HOC

NWACSM Annual Meeting (2009 - 2014)

CONFERENCE PROPOSAL REVIEWER AD-HOC

Athletic Training Educators' Conference
 National Athletic Trainers' Association Clinical Symposia

UNIVERSITY SERVICE:

OREGON STATE UNIVERSITY - *UNIVERSITY SERVICE*

Assistant Athletic Trainer Search Committee, Department of Athletics: Member	2017
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University Honors College Thesis Mentor Panel Participant	Fall 2016, Spring 2017, & Fall 2017
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Graduation Marshal	2016, 2017
Institutional Review Board, Office of Research Integrity: Student Member	2004 - 2005
OREGON STATE UNIVERSITY - COLLEGE SERVICE	
College Internship Coordinators Committee: Member	2015 - Present
College Curriculum Committee: Member	2014 - 2016
Career Symposium Planning and Implementation Committee: Member	2013 - 2014
OREGON STATE UNIVERSITY - SCHOOL, DEPARTMENT, AND PROGRAM SERVICE	
Kinesiology Experiential Learning Coordinator Search Committee: Member	2017 - Present
Kinesiology Internship Coordinator Search Committee: Member	2016 - 2017
Master of Athletic Training Degree Substantive Change to the CAATE Accreditation Committee: Member	2014-2015
Athletic Training / Kinesiology Faculty Search Committee: Member	2015 - 2016
Master of Athletic Training Degree Transition Committee: Member	2014-2015
Kinesiology Ecampus Planning Task Force: Member	2015
Athletic Training Club: Faculty Co-Advisor	2011 - 2017
Honors and Awards Committee: Department of Nutrition and Exercise Sciences: Member	2010 - 2011
Athletic Training Degree Self-Study Committee for the CAATE Accreditation: Member	2010 - 2011
Promotion Review Student Committee for Dr. Brad Cardinal: Member	2005
Tenure Review Student Committee for Dr. Brad Cardinal: Member	2004
Athletic Training Program Self-Study Committee for the CAAHEP Accreditation: Member	2010 - 2011
SAN JOSÉ STATE UNIVERSITY - UNIVERSITY SERVICE	
Athletic Trainer for Department of Intercollegiate Athletics: Volunteer	
SAN JOSÉ STATE UNIVERSITY - COLLEGE SERVICE	
Research and Faculty Development Committee: Member	
Outstanding Thesis Subcommittee (Research and Faculty Development Committee): Chair	
SAN JOSÉ STATE UNIVERSITY - DEPARTMENT SERVICE	
Marketing Committee: Member	
Undergraduate Education Committee: Member	
Sports Medicine Club: Co-Advisor	

High School & Youth Coaches Injury Symposium: Faculty

COMMUNITY SERVICE:

Special Olympics Oregon – Summer State Games: Corvallis, Oregon Volunteer athletic trainer and co-organizer of student participation	July 2017 - Present
Philomath Fire & Rescue: Philomath, Oregon Instructor for in-service on pre-hospital care of the equipment laden athletic	September 11, 2017
Lebanon Health Career Ladder - College of Osteopathic Medicine of the Pacific - Northwest: Lebanon, Oregon Presented to junior high students about the profession of athletic training	February 12, 2016
Girls on the Run 5k: Corvallis, Oregon Volunteer athletic trainer	2010 & 2016
Swim for Life Fundraiser: Corvallis, Oregon Volunteer	May 2010
Farmers' Feed Families: Corvallis, Oregon Volunteer	May 2010
Western States Deaf Basketball Tournament: Salem, Oregon Volunteer athletic trainer	February 2008
Rebuild Wildcat Park: Corvallis, Oregon Volunteer	May 2007
Western States Deaf Basketball Tournament: Vancouver, Washington Volunteer athletic trainer	January 2006

MEDIA:

KGAL Radio: Interview on High School Sports Safety. April 26, 2017	
Experience Life: The Risk of Knee Injuries in Women (Link)	
Massagemag.com: Gender Differences in Nerve Impulses Could Explain Women's Greater Risk of Knee Injury, May 7, 2012 (Link)	
The Daily Barometer: Women More Likely to Get Knee Injuries, May 01, 2012 (Link)	
Wired.com: Study Links Women's Higher Rate of Knee Injuries to Nervous System, April 24, 2012 (Link)	
Healo Orthopedics: Knee injuries in women linked to motion, nervous system differences, April 19, 2012 (Link)	
Health and Wellness 360: Study Determines Why Women Are more Prone to Knee Injuries, April 17, 2012	
Statesman Journal: Biology, health: Knee injuries in women linked to motion, nervous system differences, April 17, 2012 (Link)	
KTVZ, OSU: Women, Men Knee Injury Causes Differ, April 16, 2012 (Link)	

HONORS & AWARDS:

Doctoral Scholarship from the National Athletic Trainers' Association Research and Education Foundation	2007 - 2008
Bill Robertson Memorial Athletic Training Scholarship from the Northwest Athletic Trainers' Association	2007 - 2008
TCU Scholar for 4.00 GPA	Spring 1997 – Spring 1998
Dean's List for Academic Excellence: School of Education	Spring 1997 – Spring 1998

M. Neil Sealy Student Athletic Trainer Leadership Scholarship: TCU Athletic Training Program

1996

LICENSES, REGISTRATIONS, & CERTIFICATIONS:

Registered Athletic Trainer: State of Oregon Health Licensing Agency

April 2007 - Present

Certified Strength and Conditioning Specialist: National Strength and Conditioning Association
Certification Commission

June 2000 - Present

Certified Athletic Trainer: Board of Certification

May 1998 - Present

Licensed Athletic Trainer: Texas Department of Health State Board of Athletic Trainers

1998 - 2003