

Kristof Kipp, PhD, CSCS

Marquette University

Department of Physical Therapy – Program in Exercise Science

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EDUCATION

Ph.D. *Nutrition and Exercise Sciences*, Biomechanics Emphasis (Spring 2009)

Oregon State University – Corvallis, OR

M.S. *Exercise and Sport Studies*, Biophysical Emphasis (Spring 2005)

Boise State University – Boise, ID

B.S. *Kinesiology*, Biomechanics Emphasis (Fall 2003)

Boise State University – Boise, ID

A.S. *Engineering* (Spring 2001)

North Idaho College – Coeur d’Alene, ID

PROFESSIONAL EXPERIENCE

2011-present *Assistant Professor* – Department of Physical Therapy, Program in Exercise Science
Marquette University – Milwaukee, WI

2009-2011 *Post-Doctoral Research Fellow* – Department of Physical Medicine & Rehabilitation
University of Michigan Medical School – Ann Arbor, MI

2005-2009 *Graduate Assistant* – Department of Nutrition and Exercise Sciences
Oregon State University – Corvallis, OR

2003-2005 *Graduate Assistant* – Center for Orthopaedic and Biomechanics Research
Boise State University – Boise, ID

TEACHING EXPERIENCE

Undergraduate Courses – Instructor of Record

MU	EXPH 2190	– Scientific Principles of Strength & Conditioning
MU	EXPH 2931	– Advanced Elective: Becoming Batman
MU	EXPH 2931	– Advanced Elective: Introduction to Research in Biomechanics
MU	EXPH 4192	– Advanced Exercise Physiology
MU	EXPH 4995	– Independent Study in Exercise Physiology
OSU	EXSS 323	– Biomechanics of Sport & Exercise
OSU	EXSS 394	– Professional Activities: Resistance Training Program Design
OSU	EXSS 434	– Applied Muscle Physiology
OSU	HHS 243	– Lifetime Fitness Special Topics Lab: Resistance Training
OSU	PAC 287	– Weight Training I
OSU	PAC 288	– Weight Training II

Undergraduate Courses – Adjunct Instructor

MU	EXPH 2931	– Advanced Elective: Advanced Topics in Strength & Conditioning
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Graduate Courses – Instructor of Record

MU	EXPH 5192	– Advanced Exercise Physiology
MU	CTRH 6193	– Advanced Biomechanical Applications in Clinical and Orthopedic Research
MU	CTRH 6195	– Neuromechanical Basis for Human Movement

Undergraduate Courses – Teaching Assistant

BSU	KINES 271	– Applied Kinesiology
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Graduate Courses – Teaching Assistant/Adjunct Instructor

BSU	KINES 596	– Mechanical Analysis of Human Movement
MU	CTRH 6985	– Readings and Research in Clinical and Translational Rehab/Health Science I

Post-Doctoral Short Course for College Teaching in Science and Engineering

Center for Research on Learning and Teaching, University of Michigan – Ann Arbor, MI

PUBLICATIONS

1. Meinerz C, Malloy P, Geiser C, **Kipp K**. Anticipatory effects on lower extremity neuromechanics during a cutting task. *Journal of Athletic Training*, (in review).
2. **Kipp K**, Harris C. Patterns of barbell acceleration of the snatch and clean during weightlifting competition. *Journal of Sports Sciences*, (in review).
3. Malloy P, Meinerz C, Geiser C, **Kipp K**. The Association of dorsiflexion flexibility on knee kinematics and kinetics during a drop vertical jump in healthy female athletes. *Knee Surgery, Sports Traumatology, and Arthroscopy*, (in press).
4. Johnson ST, **Kipp K**, Norcross M, Hoffman MA. Spinal and supraspinal motor control contributions to rate of torque development. *Scandinavian Journal of Science and Medicine in Sports*, (in press).
5. **Kipp K**, Pfeiffer RP, Sabick MB, Harris C, Sutter J, Kuhlman S, Shea KG. 2014. Muscle synergies during a single-leg drop-landing in boys and girls. *Journal of Applied Biomechanics*, 30:262-268.
6. Wood C, **Kipp K**. 2014. Audio biofeedback as a method of gait retraining to reduce tibial acceleration on foot strike. *Journal of Biomechanics*, 47:1739-1741.
7. **Kipp K**, Brown TN, McLean SG, Palmieri-Smith RM. 2013. Decision-making and experience level influence frontal plane knee joint biomechanics during a cutting maneuver. *Journal of Applied Biomechanics*, 29:756-762.
8. **Kipp K**, Palmieri-Smith RM. 2013. Differences in kinematic control of ankle joint motions in people with chronic ankle instability. *Clinical Biomechanics*, 28:562-567.
9. **Kipp K**, Harris C, Sabick M. 2013. Correlations between internal and external power outputs during weightlifting exercise. *Journal of Strength and Conditioning Research*, 27:1025-1030.
10. **Kipp K**, Redden J, Harris C, Sabick M. 2012. Kinematic and kinetic synergies of the lower extremities during the pull in olympic weightlifting. *Journal of Applied Biomechanics*, 28:271-278.
11. Johnson ST, **Kipp K**, Yun J, Hoffman MA. 2012. Spinal control differences between the sexes. *European Journal of Applied Physiology*, 112:3859-3864.
12. **Kipp K**, Johnson ST, Hoffman MA. 2012. Spectral properties of H-reflex recordings after an acute bout of whole-body vibration. *Journal of Strength and Conditioning Research*, 26:1915-1919.
13. **Kipp K**, Redden J, Harris C, Sabick M. 2012. Weightlifting performance is related to kinematic and kinetic patterns of the hip and knee joints. *Journal of Strength and Conditioning Research*, 26:1838-1844.
14. **Kipp K**, Palmieri-Smith RM. 2012. Principal component based analysis of biomechanical inter-trial variability in individuals with chronic ankle instability. *Clinical Biomechanics*, 27:706-710.
15. **Kipp K**, Johnson ST, Hoffman MA. 2012. Effects of homosynaptic depression on spectral properties of H-reflex recordings. *Somatosensory and Motor Research*, 29:38-43.

16. **Kipp K**, McLean SG, Palmieri-Smith RM. 2011. Patterns of hip flexion motion predict frontal and transverse plane knee torques during a single-leg land-and-cut maneuver. *Clinical Biomechanics*, 26:504-508.
17. **Kipp K**, Harris C, Sabick M. 2011. Lower extremity biomechanics during weightlifting exercise vary across joint and load. *Journal of Strength and Conditioning Research*, 25(5):1229-1234.
18. **Kipp K**, Johnson ST, Hoffman MA. 2011. Functional data analysis of H-reflex recruitment curves. *Journal of Neuroscience Methods*, 197(2): 270-273.
19. **Kipp K**, Johnson ST, Doeringer J, Hoffman MA. 2011. Spinal reflex excitability and homosynaptic depression after a bout of whole-body vibration. *Muscle and Nerve*, 43(2):259-262.
20. Hong J, **Kipp K**, Maddalozzo G, Hoffman MA. 2010. Acute effects of whole body vibration on rate of force development and electromechanical delay. *Journal of Sports Therapy*, 3(3):3-9.
21. Hong J, **Kipp K**, Johnson ST, Hoffman MA. 2010. Effects of 4 weeks whole body vibration training on neuromuscular performance and presynaptic inhibition. *International Journal of Physiotherapy and Rehabilitation*, 1(1):30-40.
22. **Kipp K**, Pavol MJ. 2008. Effects of the seat armrest and assistive devices on trunk kinematics during dependent transfers on an aircraft. *Human Factors and Ergonomics Society Annual Meeting Proceedings*, 52(15):1059-1063.

CONFERENCE ABSTRACTS AND INVITED PRESENTATIONS

Conference Abstracts

1. Garbarz J, Geiser CF, Meinerz CM, Malloy PJ, **Kipp K**. Analysis of a Weight-Bearing Method to Assess Bilateral Hip Muscle Strength. *Combined Sections Meeting*. Indianapolis, IN. 2015.
2. **Kipp K**, Harris C. Associations between ground reaction force and barbell accelerations in weightlifting. *International Society of Biomechanics in Sports*. Johnsonville, TN. 2014.
3. **Kipp K**, Harris C. Musculoskeletal gearing of the lower extremities across submaximal loads in weightlifting. *International Society of Biomechanics in Sports*. Johnsonville, TN. 2014.
4. Geiser CF, Meinerz CM, Malloy PJ, **Kipp K**. Generalized joint hypermobility alters frontal plane knee joint loading during a single land and cut task in female collegiate division I lacrosse athletes. *International Society of Biomechanics in Sports*. Johnsonville, TN. 2014.
5. **Kipp K**, Wenson SE, Meinerz CM, Malloy PJ, Geiser CF, Morgan A. Functional cluster analysis of frontal-plane knee joint torques. *World Congress of Biomechanics*. Boston, MA. 2014.
6. Malloy PJ, Meinerz CM, Morgan AM, Geiser CF, **Kipp K**. Female athletes with ACL reconstruction demonstrate similar muscle synergy patterns to healthy athletes during a drop vertical jump. *World Congress of Biomechanics*. Boston, MA. 2014.
7. Morgan AM, Meinerz CM, Malloy PJ, Geiser CF, **Kipp K**. Audio and Visual Biofeedback as Methods of Gait Retraining to Reduce Tibial Acceleration upon Foot Strike. *World Congress of Biomechanics*. Boston, MA. 2014.
8. Geiser CF, Meinerz CM, Malloy PJ, **Kipp K**. Generalized Joint Hypermobility Alters Muscle Activation Patterns in Division 1 Female Athletes. *National Athletic Trainers Association*. Indianapolis, IN. 2014.
9. Walczak SA, Meinerz CM, Malloy PJ, Wenson SE, Morgan AM, Geiser CF, **Kipp K**. Associations between Landing Mechanics and Biomotor Performance. *American College of Sports Medicine*. Orlando, FL. 2014.
10. Wenson SE, Walczak SA, Meinerz CM, Morgan AM, Malloy PJ, Geiser CF, **Kipp K**. Correlation Between Two Clinical Assessments of Jump Landing Mechanics. *American College of Sports Medicine*. Orlando, FL. 2014.
11. **Kipp K**, Geiser CF, Meinerz CM, Wood CM, Watson KD. Kinematic comparison of successful and unsuccessful landings during unanticipated movement tasks. *American Society of Biomechanics*. Omaha, NE. 2013.

12. Malloy PJ, Geiser CF, Meinerz CM, Wood CM, Watson KD, **Kipp K**. Associations between clinical dorsiflexion range of motion and landing mechanics during a drop jump. *American Society of Biomechanics*. Omaha, NE. 2013.
13. Geiser CF, Meinerz CM, Wood CM, Watson KD, **Kipp K**. External rotation strength impacts lower extremity mechanics during unanticipated landing activities in collegiate female soccer players. *American Society of Biomechanics*. Omaha, NE. 2013.
14. **Kipp K**, Harris C. Effective mechanical advantage of the knee joint across submaximal loads while performing the clean. *National Strength and Conditioning Association*. Las Vegas, NV. 2013.
15. **Kipp K**, Harris C. Patterns of barbell acceleration during the snatch in weightlifting competition. *National Strength and Conditioning Association*. Las Vegas, NV. 2013.
16. Meinerz CM, Geiser CF, Wood CM, **Kipp K**. Hip external rotation strength impacts frontal plane hip motion during unanticipated landing and cutting activities in collegiate female soccer players. *National Athletic Trainers Association*. Las Vegas, NV. 2013.
17. **Kipp K**, Malowanski C, Palmieri-Smith RM. Muscle synergies during side-cutting in people with chronic ankle instability. *American College of Sports Medicine*. Indianapolis, IN. 2013.
18. Frett H, Meinerz CM, Geiser CF, **Kipp K**. Principal components analysis of ground reaction forces while running at different speeds. *American College of Sports Medicine*. Indianapolis, IN. 2013.
19. Garceau L, Geiser CF, **Kipp K**, Starsky AJ. Lower body muscle activation is similar when running on a curved non-motorized treadmill and flat motorized treadmill. *American College of Sports Medicine*. Indianapolis, IN. 2013.
20. Harris C, **Kipp K**. Factor analysis of weightlifting biomechanics during the snatch lift. *American College of Sports Medicine*. Indianapolis, IN. 2013.
21. Watson KD, Wood C, **Kipp K**. Fatigue deleteriously alters muscle activation patterns during landing and cutting tasks. *American College of Sports Medicine*. Indianapolis, IN. 2013.
22. Wood C, **Kipp K**. Audio biofeedback as a method of gait retraining to reduce tibial acceleration on foot strike. *American College of Sports Medicine*. Indianapolis, IN. 2013.
23. **Kipp K**, Hoffman S. Lower extremity biomechanics and barbell position during a weightlifting movement. *National Strength and Conditioning Association*. Providence, RI. 2012.
24. Vogel C, Holtz K, **Kipp K**. Acute exercise has deleterious effects on muscle activation during a cutting but not landing task. *National Strength and Conditioning Association*. Providence, RI. 2012.
25. Garceau L, Geiser CF, **Kipp K**, Starsky AJ. Flat motorized and curved non-motorized treadmills: analysis of heart rate, perceived exertion and running speed. *National Strength and Conditioning Association*. Providence, RI. 2012.
26. **Kipp K**, Vogel C, Holtz K. Vertical jump performance is associated with principal component-derived time-varying ground reaction force features. *National Strength and Conditioning Association*. Providence, RI. 2012.
27. Vogel C, Holtz K, **Kipp K**. Fatigue-induced increases in quadriceps-to-hamstring muscle activation ratios are associated with increases in sagittal-plane tibial accelerations during a cutting task. *Wisconsin Physical Therapy Association*. Pewaukee, WI. 2012.
28. Garceau L, Geiser CF, **Kipp K**, Starsky AJ. Kinematics and perceived effort of running on a curve® vs. standard treadmill. *Wisconsin Physical Therapy Association*. Pewaukee, WI. 2012.
29. **Kipp K**, Palmieri-Smith R. Chronic ankle instability alters the kinematic control strategy of ankle joint motions. *American College of Sports Medicine*. San Francisco, CA. 2012.
30. **Kipp K**, Palmieri-Smith RM. Principal component based analysis of biomechanical inter-trial variability in individuals with chronic ankle instability. *Gait and Clinical Movement Analysis Society*. Grand Rapids, MI. 2012.
31. **Kipp K**, Johnson ST, Hoffman MA. Functional data analysis of spinal-reflex recruitment curves. *American College of Sports Medicine*. Denver, CO. 2011.

32. **Kipp K**, Brown T, McLean S, Palmieri-Smith R. Altered knee muscle reflex activity during a cutting maneuver is influenced by motor learning not neuromuscular training. *American Society of Biomechanics*. Providence, RI. 2010.
33. Johnson ST, **Kipp K**, Hoffman MA. Rate of torque development differs between the sexes during time-critical periods. *National Athletic Trainers Association*. Philadelphia, PA. 2010.
34. **Kipp K**, McLean SG, Brown TN, Palmieri-Smith RM. Frontal-plane knee motion during anticipated and unanticipated cutting in recreational and elite female athletes. *American College of Sports Medicine*. Baltimore, MD. 2010.
35. **Kipp K**, McLean SG, Palmieri-Smith RM. Patterns of hip flexion motion predict knee abduction torques during a single-leg land and cut maneuver. *ACL Retreat V*. Greensboro, NC. 2010.
36. Pfeiffer, RP, **Kipp K**, Sabick, MB, Kuhlman, S, Sutter, J, Shea, KG. Gender differences in lower extremity landing mechanics in youth soccer players performing a single-leg landing. *ACL Retreat V*. Greensboro, NC. 2010.
37. **Kipp K**, Doeringer J, Johnson ST, Hoffman MA. The effects of whole-body vibration on neural excitability and intrinsic pre-synaptic inhibition. *American College of Sports Medicine*. Seattle, WA. 2009.
38. Hong J, **Kipp K**, Oh J, Hoffman MA. The acute effects of whole body vibration on electromechanical delay and rate of force development. *American College of Sports Medicine*. Seattle, WA. 2009.
39. Doeringer J, **Kipp K**, Johnson ST, Hoffman MA. The short-term effects of whole-body vibration on the spinal reflex activation of the soleus and gastrocnemius. *American College of Sports Medicine*. Seattle, WA. 2009.
40. Johnson ST, **Kipp K**, Yun J, Hoffman MA. Spinal mechanisms contributing to rate of force development. *American College of Sports Medicine*. Seattle, WA. 2009.
41. **Kipp K**, Pavol MJ. Effects of the seat armrest and assistive devices on lumbar kinetics during dependent transfers on an aircraft. *North American Congress on Biomechanics*. Ann Arbor, MI. 2008.
42. **Kipp K**, Pavol MJ. Effects of the seat armrest and assistive devices on trunk kinematics during dependent transfers on an aircraft. *Human Factors and Ergonomics Society*. New York, NY. 2008.
43. Pavol M, Higginson B, **Kipp K**. Biomechanics of dependent transfers on an aircraft. *International Conference on Aging, Disability and Independence*. St. Petersburg, FL. 2008.
44. **Kipp K**, Pavol MJ. Predictors of lumbar loading during dependent transfer on board an aircraft. *Northwest Biomechanics Symposium*. Boise, ID. 2008.
45. Pfeiffer R, Sabick M, Clarke D, Kuhlman S, Shea K, **Kipp K**, Kipp K. Effects of gender on lower extremity muscle activation in children performing a single-leg landing task. *American Society of Biomechanics*. Palo Alto, CA. 2007.
46. **Kipp K**, Harris C, Sabick M, Kuhlman S, Redden J. Lower extremity joint power production during olympic weightlifting exercise. *American College of Sports Medicine*. Denver, CO. 2006.
47. Bennett M, Berg K, Harris C, **Kipp K**, DeBeliso M, Adams K. The effects of sprinting induced fatigue on ground reaction force symmetry in jump landing kinetics. *American College of Sports Medicine*. Denver, CO. 2006.
48. Berg K, Harris C, **Kipp K**, DeBeliso M, Bennett M. The effects of fatigue from rapid acceleration and decelerations on jump landing kinetics. *American College of Sports Medicine*. Denver, CO. 2006.
49. Pfeiffer R, Sabick M, **Kipp K**, Kipp K, DeBeliso M, Shea K. Effects of gender on landing mechanics in an unanticipated landing task in children. *American College of Sports Medicine*. Denver, CO. 2006.
50. Sabick M, **Kipp K**, Pfeiffer R. Differences in joint kinetics due to choice of body segment parameters. *International Society of Biomechanics*. Cleveland, OH. 2005.
51. Redden J, **Kipp K**, Harris C, Conroy M. The effects of different warm-up strategies in the clean movement in olympic weightlifting. *National Strength and Conditioning Association*. Las Vegas, NV. 2005.
52. **Kipp K**, Harris C, Pfeiffer R, Sabick M, DeBeliso M. Effects of a dynamic resistive exercise warm-up on subsequent shot put performance. *Northwest American College of Sports Medicine*. Moscow, ID. 2005.

53. **Kipp K**, Sabick M, DeBeliso M. Reliability of a kinematic model of the upper extremity. *American Society of Biomechanics*. Portland, OR. 2004.

Invited Presentations

1. **Kipp K**. Weightlifting biomechanics. *Wisconsin Strength and Conditioning Conference*. Waukesha, WI. 2014.
2. **Kipp K**. Novel feedback paradigms in sports biomechanics. *Kinesiology Department Seminar*. University of Wisconsin, Milwaukee, WI. 2014.
3. **Kipp K**. Lower extremity and barbell biomechanics during weightlifting. *Conference on Sport Science for Enhancement of Athletic Performance*. Korean Nationals Sports University, Seoul, Korea. 2013.
4. **Kipp K**. Sensorimotor integration in chronic ankle instability. *Integrative Neuroscience Research Center*. Marquette University, WI. 2011.
5. **Kipp K**. Single-subject analyses in human movement research. *Advanced Rehabilitation Research Seminar*. University of Michigan, MI. 2010.
6. **Kipp K**. Neuromuscular function and biomechanical control in patients with functional ankle instability. *Advanced Rehabilitation Research Seminar*. University of Michigan, MI. 2010.
7. Pavol M, Higginson B, **Kipp K**, Welsh L. Biomechanics of dependent transfers on an aircraft. *ICDR-IST State-of-the-Art Conference: Technologies and Strategies for Physical Transfer of Individuals with Motor Impairments*. Washington, DC. 2007.

RESEARCH FUNDING

National Science Foundation – SBIR Phase II (with Kaliber Imaging)

Mobility Monitor: An autonomous intelligent system developed to quantitatively determine mobility
Role (Co-PI) Total Amount: \$104,504 (funded) 10/01/13-09/30/15

Clinical & Translational Science Institute – Medical College of Wisconsin

Peripheral and Supra-spinal Modulators of Muscle Inhibition in People with Chronic Ankle Instability
Role (PI) Total Amount: \$45,508 (not funded) 04/01/14-03/31/15

Clinical & Translational Science Institute – Medical College of Wisconsin

Impacting Landing Mechanics and Knee Injury Risk by Altering Ankle Dorsiflexion Range of Motion
Role (Co-I) Total Amount: \$37,556 (not funded) 04/01/14-03/31/15

Milwaukee Brewers Sports Medicine Research Group

Effects of Choice Reaction Time and Decision Making on Base Running Performance
Role (PI) Total Amount: \$5,650 (funded) 01/01/14-12/31/14

Way Klingler Teaching Enhancement Award – Marquette University

Integrating Interactive Media into Undergraduate Research and Laboratory-Based Classes in Exercise Physiology
Role (Co-PI) Total Amount: \$20,000 (not funded) 01/01/14-12/31/14

Summer Faculty Fellowship – Marquette University

Developing Musculoskeletal Models for Biomechanics Research
Role (PI) Total Amount: \$5,500 (not funded) 06/01/14-06/31/14

Department of Orthopaedic Surgery – Medical College of Wisconsin

Vibration training effect on the biomechanics related to anterior cruciate ligament injury

Role (Co-I) Total Amount: \$2,000 (funded) 06/01/13-05/31/14

Clinical & Translational Science Institute – Medical College of Wisconsin

Spinal and Supra-spinal Modulators of Muscle Inhibition in People with Chronic Ankle Instability

Role (PI) Total Amount: \$45,508 (not funded) 04/01/13-03/31/14

Way Klingler Teaching Enhancement Award – Marquette University

Integrating Interactive Media into Undergraduate Research and Laboratory-Based Classes in Exercise Physiology

Role (Co-PI) Total Amount: \$20,000 (not funded) 01/01/13-12/31/13

Regular Research Grant – Marquette University

Feasibility of Real-time Audio Feedback to Reduce Impact Accelerations during Running

Role (PI) Total Amount: \$4,200 (funded) 07/01/12-12/31/12

Summer Faculty Fellowship – Marquette University

Muscle Activation and Joint Stability in People with Ankle Instability

Role (PI) Total Amount: \$5,500 (funded) 06/01/12-06/31/12

National Institute of Health – NIAMS (F32)

Arthrogenic Muscle Inhibition and Neuromechanics in Ankle Instability

Role (PI) Total Amount: \$52,154 (not funded) 6/01/11-5/31/12

ARRT Program – NIDRR Research Stipend – University of Michigan

Arthrogenic Muscle Inhibition in Chronic Ankle Instability Patients

Role (PI) Total Amount: \$2,000 (funded) 02/08/11-02/08/12

John C. Erkkila, M.D. Endowment for Health and Human Performance

Persistent Effects of Muscle Fatigue on Landing Mechanics in Women and Men

Role (Co-I) Total Amount: \$12,402 (funded) 6/01/08-5/31/09

HONORS/AWARDS

2012 Marquette University Summer Faculty Research Fellowship
2009 National Research Service Award (Fellow on Institutional T32)
2006 Ava Milam Clark Fellowship, OSU Nutrition & Exercise Science Department
2005 Graduate student of the year, BSU Kinesiology Department
2004 American Society of Biomechanics student travel award
2003 BSU International Student & Kinesiology Department Scholarship
2003 Undergraduate student of the year, BSU Kinesiology Department
2003 Western Athletic Conference outstanding academic achievement as student-athlete

CERTIFICATIONS

National Strength and Conditioning Association (NSCA) – Certified Strength and Conditioning Specialist
USA Weightlifting (USAW) – Club Coach

PROFESSIONAL MEMBERSHIPS

American Homebrewers Association (AHA)
American Society of Biomechanics (ASB)
International Society of Biomechanics (ISB)
National Strength and Conditioning Association (NSCA)

- Member of Special Interest Group: Sports Medicine Group & Weightlifting Group

MENTORING EXPERIENCE

Doctoral Students

Philip Malloy
Marwan Aljohani

Masters Students

Alexander Morgan
Sophie Schunk
Michael Kiely

Undergraduate Students

Tyler Gatlin	Hassaan Khalik	Casey Vogel
Hannah Frett	Michael Kiely	Steven Walczak
Matthew Giordanelli	Camilla Malowanski	Krista Watson
Christine Grossman	Carolyn Meinerz	Samantha Wenson
Michael Haischer	Alexander Morgan	Claire Wood
Angela Huang	Jordan Smith	

SERVICE

Marquette University

Department of Physical Therapy Academic Standards Committee
Department of Physical Therapy Scholarship Committee

Ad Hoc Manuscript Reviewer

Adapted Physical Activity Quarterly	Journal of Electromyography and Kinesiology
Clinical Epidemiology	Journal of Mechanical Engineering Science
Clinical Kinesiology	Journal of NeuroEngineering and Rehabilitation
Experimental Gerontology	Journal of Science and Medicine in Sport
Gait and Posture	Journal of Strength and Conditioning Research
International Journal of Neuroscience	Medicine and Science in Sports and Exercise
IEEE Journal of Biomedical and Health Informatics	Muscle & Nerve
Journal of Applied Biomechanics	Open Access Journal of Sports Medicine
Journal of Biomechanics	Research Quarterly for Exercise and Sport
Journal of Diabetes and its Complications	Scandinavian Journal Medicine & Science in Sports

Grant Reviewer

M.J. Murdock Charitable Trust Foundation
National Athletic Trainer's Research and Education Foundation
CTSA Health Professionals Research Training Program (MICHR)

Abstract Reviewer

ACSM North-West Conference