

## Marguerite Moore Ph.D., AT, ITAT

### Professor

1401 Presque Isle Avenue  
Marquette, MI 49855  
Northern Michigan University  
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### Education History

- Michigan State University** 2003-2009  
East Lansing, MI 48910  
Doctoral fellowship research funded by NFL regarding youth football injury rates  
Major Cognate: Growth and Motor Development, Athletic Training  
Outside Cognate: Epidemiology  
*Dissertation: The effects of migraine headache and physical activity on cognitive function measured by ImPACT.*
- California University of Pennsylvania** 2002-2003  
California, PA 15419  
Masters of Science in Athletic Training  
NATA Accredited Graduate Athletic Training Education Program  
*Thesis: The effects of aquatic balance training and core stability on the chronically unstable ankle*
- Northern Michigan University** 1997-2001  
Marquette, MI 49855  
Bachelor of Science in Athletic Training  
Concentration: Biology

### Work History

- NMU** Fall 2008-Present
- |               |  |
|---------------|--|
| ATR 125       | Emergency health care for the professional rescuer |
| ATR 241       | Prevention and Care of Injuries                    |
| ATR 320       | Evaluation of Lower Extremity Injuries             |
| ATR 292 A/B   | Introductory Practicum                             |
| ATR 392 A/B   | Intermediate Practicum                             |
| ES 470/PY 470 | Psychology of Athletic Performance                 |
| PE 212        | Anatomy and Biomechanics in Sport                  |
| PE 213        | Physiology of Sport and Fitness                    |
| HL 242        | Emergency Health Care, Supervisor of Class         |
| UN 100        | Freshmen Seminar                                   |

ES 500	Research Methods in Exercise Science
ES 495	Principles of Manual Medicine
HL 460	Human Disease
NU 726	Nursing Epidemiology

**Adjunct Instructor- NMU**

Fall 2006 to Winter 2008

ATR 320/321	Lab Instructor- Lower/Upper Extremity Evaluation
ATR 241	Lab Instructor- Prevention and Care of Athletic Injuries
HL 242	Primary Instructor, Supervisor Emergency Health Care
HL 295E	Pilates –Primary Instructor
ATR 392A/B	Intermediate Practicum
ATR 492A	Advanced Practicum
UN 100	Freshman Seminar
PE 470	Psych Athletic Performance

**Athletic Trainer- NMU Injury Evaluation and Care Clinic Fall 2006-Current**

**Athletic Trainer- Olin Health Services, MSU**

January-May 2004

**Teaching Assistant, Michigan State University**

Fall 2003-Fall 2006

KIN 100's	Taught various activity classes at MSU
KIN 125	First Aid and Personal Safety (S04, Sum 04-06)
KIN 217	Anatomy- (S05)
KIN 423	Therapeutic Modalities (S04)
KIN 125	Responding to Emergencies (Fall 04-Fall 06)
KIN 425	Organization and Administration AT (F05)
KIN 126	Introduction to Athletic Training (S06)

**Research Assistant Michigan State University**

Fall 2003-Spring 2006

- \*The relationship among player risk factors and injuries in youth football.
- \*PI: Dr. John Powell.
- \*Acquisition of data in MI Pony League at Holt's youth football program.
- \*Entry and management of all data relating to the 275-300 participants.
- \* Provided AT services during games/practices to 275-300 (ages 9-14)
- \* Funded through the NFL Charities, and the NATA Research Foundation

**Graduate Assistant AT, California University of Pennsylvania 2002-2003**

Responsible for Athletic Training Services for 110 Division II football players, mentoring undergraduate students, acting as an Approved Clinical Instructor.

**Graduate Assistant AT, Northern Michigan University**

2001-2002

Responsible for Athletic Training Services for Spring Football, Soccer and Tennis, mentoring undergraduate students.

**Northern Michigan University Adjunct Instructor**  
I was responsible for laboratory activities in ATR 241.

Winter 02

## **Service**

### **National**

Reviewer for home study BOC Approved Provider Program 2004 -2016

National Athletic Trainers' Association Examiner 2003-2008

### **State**

Michigan Athletic Trainers Society Employment Chair 2009-2012.

Moderator for Great Lakes Athletic Trainers Association 2010 Annual Conference

### **Community**

Member of Marquette County Junior Golf Association Board 2009-Current

\* Treasurer for MCJG 2010- Current

\* Division/ Registration Secretary 2010- Current

\*President 2018-Current

Superiorland Soccer U6/U8 Head Coach 2010, 2013

Assistant Coach 2012, 2014, 2016

Marquette Junior Hockey

Assistant Coach Developmental Mites 2008-2012

U6 Head Coach 2013-2104, 2016-2017

Director of Learn to Skate 2014-2016

\*Treasure for various Travel Teams 2015-Current

Volunteer Teaching Aide at Superior Hills Elementary -various years

### **Northern Michigan University**

Member of the College Advisory Committee 2018-Current

Member of the SRA committee at NMU 2017-2018

Member of Institutional Review Board for Research at NMU  
Jan 2010 to 2016

Member of Faculty Grants Advisory Committee 2009-2014  
Secretary Fall 2010 to 2012  
Chair 2012- 2014

Member of First Year Advisory Board 2008-2011

Member of Committee for Grade Appeals (HPER) 2008

Member of Committee for Grade Appeals (COPS) 2010

Member of Health, Physical Education and Recreation Bylaws Committee 2009-2011

Member of Health and Human Performance Faculty Review Committee 2010-2011, 2015-2016  
Co-Chair 2014/2015, 2016/2017, 2018-2019

National Athletic Trainers' Association Approved Clinical Instructor/Preceptor

Physical Best Specialist- provide certification for PE 213 students 2009- 2013

CPR Instructor with American Red Cross 2003-2013

CPR Instructor with American Heart Association- provide certification for HL 242, ATR 125 faculty and staff 2013-current

Member of Recreation and Sports Search Committee 2008

Member of HPER Search Committee for Physical Education/Teacher Education Position 2010-2011

Member of HPER Search Committee for Health Education Position 2012-2013.

Member of the Academic Senate 2011- present.

Member of the Executive Committee to the Academic Senate/ President 2013- 2016.

Vice Chair of the Academic Senate 2014-2016

Member of the Community Grants Office Committee 2015

Member of the Search Committee for the Recreation Director 2015

Member of the NMU Concussion Committee 2015

Member of the SRA Committee 2017- Current

### **Other Service**

Member of Graduate Studies Committee at MSU (KIN dept)-2003-06

Reviewed Text for McGraw Hill/ National Safety Council on First Aid 2007

Reviewed Text for F.A. Davis on Sport Psychology 2012-2013

Reviewed Text for NATA on Water rehabilitation 2013

Member of KIN Athletic Training Search Committee 2004-2005

### **Internal Grants**

Moore, MT (2017). Mild Traumatic Brain Injury in the Pediatric and Adult Populations. Reassigned Time Award Internally Funded

Carlson, J. Moore, MT. (2016). Multimodal neuroimaging of concussion in collegiate athletes: A combined fMRI, sMRI, DTI, and NIRS study. NMU Prime (\$20,000). Internally Funded.

Moore, MT. (2014) Neurocognitive and balance recovery curves in youth following mild traumatic brain injury. Reassigned Time Award for Fall 2014. Internal funded.

Hawkins, H., Moore, MT (2016) Head Impact on the Brain in College-Aged Recreational, Experienced and Professional Divers. Spooner Grant. (\$500) Internal, Funded.

Moore, MT. Travel Award for Winter 2013 (\$800) for Travel to Educators Conference. Internal, Funded.

Moore, MT. Reassigned Time Award for Winter 2011 (4 credits= \$5,566) Internal, Funded

Moore, MT. COPS Grant Internal Funded Fall 2010 (\$5,000) In kind departmental award \$6500 to purchase Biodex Balance System S4

Moore, MT. COPS Grant Internal Funded Fall 2011. (\$5,000) DEXA software purchased to collaborate with MGH Dr. J. Bryan Dixon on research with Olympic athletes.

Ohnstad C, Moore MT. Excellence in Education Grant. Internal Funded (\$1,500).

Budros E. Moore, MT. Spooner Grant. Internal (\$500) Not funded

Lash, M. Moore MT. Spooner Grant. Internal (\$500) Funded W 2013.

McCullough M, Moore MT. Spooner Grant. Internal (\$500). Funded. W 2013

### **External Grants**

Moore, MT. Nyquist, J. Glendon, K, Carlson, J. (2016). Introduction to Discovery. ICORE training program. (\$1500). Externally Funded.

Moore, MT, Nyquist, J, Hartman, J. (2016). ICORE Team Rapid: Adaptable Virtual Reality Visual Spatial Training Technology #800 Neurotraining. (\$50,000) Externally Funded National Science Foundation Proposal number 1643544 in response to NSF 12-602.

Moore, MT, Covassin, T. Neurocognitive and balance recovery curves in youth following mild traumatic brain injury. National Institutes of Health Grant in response to **RFA-NS-13-014** Pilot Projects on Sports-Related Brain and Spinal Cord Injury (R21). External. Submitted May 2013 (\$275,000).Not funded

Moore, MT. Gift from ImPACT and Mark Lovell for research. External, Funded (\$100,000) 2013-2017.

### **Honors and Awards**

Moore, MT (2015) Excellence in Teaching Award at Northern Michigan University (\$1000).

Moore, MT (2015). Joe Beerman Award for Outstanding Service to Marquette Junior Hockey Association

MSU Kinesiology Endowed Scholarship (\$4,000) Feb 2006

Fellowship for Doctoral Research at Michigan State University Funded 2003-2006

Graduate Assistantship Athletic Trainer Position at California University of Pennsylvania Funded 2001-2002

Outstanding Graduating Senior- Northern Michigan University 2001

### **Memberships/ Certifications**

Licensed Athletic Trainer in the State of MI License # 2601000270

CPR/ First Aid/ AED/ Airway Certified for the professional rescuer

Member of Great Lakes Athletic Trainers' Association

Member of Michigan Athletic Trainers' Society

Member of National Athletic Trainers' Association

Member American Alliance of Health, Physical Education Recreation and Dance 2011-2013

Member American Association of Neurology 2014

Member of Society for Neuroscience 2017

ImPACT trained Athletic Trainer 2014-19

### **Publications (Peer Reviewed Articles/Conference Proceedings)**

Dompier TP, Powell JW, Barron MJ, Moore MT, Malina RM. Validation of a Noninvasive Method of Maturity Estimation relative to Skeletal Age in Youth Football Players. *Clinical Journal of Sports Medicine*, 2007, 17(5): 362-368.

<http://scholars.opb.msu.edu/pubDetail.asp?t=pm&id=34548669123&>

Dompier TP, Powell JW, Barron MJ, Moore MT. Time-loss and non-time-loss injuries in youth football players. *Journal of Athletic Training*, 2007, 42(3), 395-402.

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1978461/>

Moore MT, Covassin TM, Powell JW, Kontos A, Barron MJ, Dompier T, Malina R. The Effects of Injury on Perceived Risk in Youth Football. *Journal of Athletic Training*. Resubmitting at this time.

Moore, M.T, Covassin T, Pfeiffer, K.A, Norris, R.E., Jensen, R.L., Branta, C.F. (2011). The effects of migraine headache and physical activity on cognitive function. ProQuest UMI. <http://www.amazon.com/migraine-headache-physical-cognitive-function/dp/1243654589>

Drum, SC, Bellovary, BN; Jensen, RA, **Moore, MT**, Donath, L (2016). Perceived demands and post-exercise physical dysfunction in CrossfitR compared to an ACSM based training session. *Journal of Sports Medicine and Physical Fitness*. Feb 12 2016 Epub ahead of print. May 57(5). <https://www.minervamedica.it/it/riviste/sports-med-physical-fitness/fascicolo.php?cod=R40Y2017N05>

Carlson, B.R., Petushek, E.J., Moore, M., & Dermeyer, H. (2015). Effect of sauna therapy on overhead squat depth in elite weightlifters. *33<sup>rd</sup> International Symposium on*

*Biomechanics in Sports*, Poitiers, France. Conference Proceedings <https://ojs.ub.uni-konstanz.de/cpa/article/viewFile/6520/5885>

### **Publications (Supplements/ Abstracts)**

Moore MT, Hess RA. The effects of aquatic balance training on core stability in individuals with chronically unstable ankles. *Journal of Athletic Training Supplement*. 2004, 39:2, S-97. <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC555376/>

Dompier TP, Powell JW, Barron MJ, Moore MT, Malina RM. Analysis of time-loss and non-time-loss injuries among youth football players. *Journal of Athletic Training Supplement*. Spring 2005. <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1978461/>

Barron, MJ, Branta CF, Powell JW, Ewing ME, Gould DR, Maier KS, Malina RM, Moore MT, Dompier TP, Morano PJ, Miller SJ: Effects PREPARE Injury Prevention Program's Gradual Activity Plan on the Time Loss Injury Rate in Youth Football. *Journal of Athletic Training Supplement*. Spring 2006. <http://natajournals.org/doi/pdf/10.4085/1062-6050-43.3.S1>

Moore MT, Powell JW, Covassin TM, Barron MJ, Dompier TP, Malina, RM, Morano, PJ, Miller, SJ. The Effects of Injury on Perceived Risk in Youth Football. *Journal of Athletic Training Supplement*. Abstract. Spring 2006. <http://connection.ebscohost.com/c/abstracts/21570567/free-communications-oral-presentations-youth-football-unique-football-injuries>

Moore, M., & Feuerherd, R. (2013). Dynamic balance decreased in postdromal migraineurs compared to non migraine controls. *The Journal of Headache and Pain*, 14(Suppl 1), P73. <http://doi.org/10.1186/1129-2377-14-S1-P73>

Moore, M., Covassin, T., Pfeiffer, K., Norris, R., Jensen, R., & Branta, C. (2013). Neurocognitive function declines are reversible following migraine headache in college students. *The Journal of Headache and Pain*, 14(Suppl 1), P74. <http://doi.org/10.1186/1129-2377-14-S1-P74>

Moore, MT. Rochester, JR. (2013). Students Perception of Peer Video Assignment. Published Abstract. *Athletic Training Educators Journal Supplement*. Volume 8, Issue 1, pg 7. [http://nataej.org/8.1/2013\\_%20ATEJ-supp.pdf](http://nataej.org/8.1/2013_%20ATEJ-supp.pdf)

Moore MT, Daniels E., Dixon, J.B. (2013). A comparison of body fat, lean muscle mass and max vertical jump height in Olympic level athletes. June 2013, Vol. 48, No. 3 Supplement, pp. S-1-S-158. <http://dx.doi.org/10.4085/1062-6050-48.3.s1>

Moore, M.T. "Warrior Girls" protecting our daughters against the injury epidemic in women's sports. By Michael Sokolove. Idyll Arbor, Inc., 2009. CHOICE: 46 (5).

Moore, M., & Covassin, T. (2014). EHMTI-0311. Effect of physical activity and hours of sleep on symptoms scores following migraine. *The Journal of Headache and Pain*, 15(Suppl 1), D42. <http://doi.org/10.1186/1129-2377-15-S1-D42>

Moore, MT, Murphy, B, Seramur, D Lovell, MR.(2015). Validity and Reliability of Pediatric ImpACT in Five to Twelve Year Olds. *Journal of Athletic Training*, 50 (6 Supplement), S-27. <http://natajournals.org/doi/pdf/10.4085/1062-6050-50.6.s1>

Hawkins, H. Moore, MT Head Impact on the Brain in College-Aged Recreational, Experienced and Professional Divers. (2016) Supplement. *Journal of Athletic Training*: June 2016, Vol. 51, No. 6 Supplement, pp. S-1-S-375. <http://natajournals.org/doi/pdf/10.4085/1062-6050-51.6.s1>

Moore, MT, Rochester JA. Perception of Risk of Injury on Grass versus Indoor Field Turf Surfaces in Collegiate Football Players. (2016) Supplement. *Journal of Athletic Training*: June 2016, Vol. 51, No. 6 Supplement, pp. S-1-S-375. <http://natajournals.org/doi/pdf/10.4085/1062-6050-51.6.s1>

Cornell NA, Moore MT, Wujcik NA, Hamachek J, Lovell MR. Test/ Retest Reliability for Pediatric ImpACT Post One to Two years in Five to Eleven Year Olds. (2016) Supplement. *Journal of Athletic Training*: June 2016, Vol. 51, No. 6 Supplement, pp. S-1-S-375. <http://natajournals.org/doi/pdf/10.4085/1062-6050-51.6.s1>

Moore, MT, Carlson, JM, Kangas, KJ, Susa, TR, Schmidt, ML. (2018) Collegiate Athletes with Mild Traumatic Brain Injury Demonstrate Lingering Dynamic Balance Decrements Compared to Controls. Vol 53, 6, Supplement S39. <http://natajournals.org/doi/pdf/10.4085/1062-6050-53.6s.s1>

## **Presentations**

Moore MT, Hess RA. The effects of aquatic balance training on core stability in individuals with chronically unstable ankles. Poster Presentation at 55<sup>th</sup> National Athletic Trainers Association Conference June 24, 2004.

Moore MT, Powell JW, Covassin TM, Barron MJ, Dompier TP, Malina, RM, Morano, PJ, Miller, SJ. The Effects of Injury on Perceived Risk in Youth Football. *Journal of Athletic Training Supplement*. Oral Presentation.

Barron, MJ, Branta CF, Powell JW, Ewing ME, Gould DR, Maier KS, Malina RM, Moore MT, Dompier TP, Morano PJ, Miller SJ. Effects of PREPARE Injury Prevention Program's Gradual Activity Plan on the Non Time Loss Injury Rate in Youth Football. Presented as a poster presentation at GLATA Conference March 2006.

Dompier TP, Powell JW, Barron MJ, Moore MT. Construct Validity of a Noninvasive Method of Maturity Estimation in Youth Football Players. *Journal of Athletic Training Supplement*. Abstract. Spring 2006.

Moore, MT. *Migraines in Athletics*. Presentation at NMU Sports Medicine Conference. June 2007.

Coleman, B, Moore, MT. *Fast Food Nation Film Presentation*. UNITED Conference. Sept 2009

Moore, MT. *An introduction to the Physical Best Program for the Middle and High School Levels*. Fall Conference for Educators in MI. October 2009.

Conner, W, Moore, MT. *Bringing it back together: The Northern Michigan PETE model*. Michigan Association for Health, Physical Education, Recreation and Dance Annual State Convention. November 2009.

Moore, MT. *Migraine Management and Prevention Techniques*. Northern Michigan University Skill Builder. November 2009.

Moore, MT. *Growth and Motor Development in Youth Athletes*. Presented at Northern Michigan University student symposium. May 2010

Moore MT, Ohnstad C. *Cultural Diversity in Athletics, how does it affect participation?* UNITED Conference Sept 2010.

Coleman B, Moore MT. *Film Presentation: "Gran Torino"*. UNITED Conference. Sept 2010.

Moore MT, Ohnstad C. *"Cultural Diversity in Athletics for the Athletic Trainer"* Presented at Northern Michigan University student symposium September 2010.

Moore, MT. "Mechanism, Prevention and Treatment of Common Injuries in Youth Sports" Presented at MAHPERD November 11, 2010.

Moore, MT. "Lower Body Youth Sports Injuries, Mechanism, Prevention and Treatment" Presented at MAHPERD November 12, 2010.

Moore, MT." Upper Body Youth Sports Injuries, Mechanism, Prevention and Treatment" Presented at MAHPERD November 13, 2010.

Coleman B, Moore MT. Film Presentation "Crash" UNITED Conference. Sept 2011

Moore, MT, Covassin T, Pfeiffer, KA, Norris, RE., Jensen, RL., Branta, C.F. (2012). Neurocognitive Function Declines Following Migraine Headache in College Students.

Poster Presentation at European Headache and Migraine Trust International Congress. September 20-23, 2012. London, United Kingdom.

Moore, MT., Feuerherd, R. (2012). Dynamic Balance decreased in postdromal migraineurs compared to non-migraine controls. Poster Presentation at European Headache and Migraine Trust International Congress. September 20-23, 2012. London, United Kingdom.

Moore, MT. (2013). Migraines, Headaches and Concussions: What are the common links? Great Lakes Athletic Trainers Association Annual 45th Annual Symposium. Wheeling, IL. Full Hour Presentation, Feature Speaker of the Hour. Invited, Peer Reviewed and Paid. Over 200 participants.  
[http://www.glata.org/documents/filelibrary/glata\\_2013\\_presentations/Migraines\\_and\\_concussions\\_8925A7EB204B3.pdf](http://www.glata.org/documents/filelibrary/glata_2013_presentations/Migraines_and_concussions_8925A7EB204B3.pdf)

Moore, MT. Rochester, JR. (2013). Students Perceptions of Peer Video Assignment. Presented as a Poster at the National Athletic Trainers Educators Conference 5th Biannual Conference. Model Practice and Future Directions.

Ohnstad, C. Moore, M, Rochester, J, Jensen, R. A (2013). Relationship between an Athlete's Level of Competition and Their Ability to Tolerate Pain. Presented at GLATA 2013 Oral Free Communications.

Moore MT, Daniels E., Dixon, J.B. (2013). A comparison of body fat, lean muscle mass and max vertical jump height in Olympic level athletes. National Athletic Trainers 64<sup>th</sup> Annual Conference. Las Vegas.

Bailes, J. Dixon, JB. Moore, M, Beverly, E. Lovell, M. (2014). We Speak Concussion Panel Discussion. February 25, 2014 <http://www.hopestartshere.org/we-speak/>

Morton H. Harwood<sup>1</sup>, Bridget E. Durocher<sup>2</sup>, Scott N. Drum<sup>2</sup>, Phillip B. Watts<sup>2</sup>, Marguerite T. Moore<sup>2</sup>, John J. Durocher<sup>1</sup>. (2014). The Acute Cardiovascular Responses to Marathon and Ultramarathon Competition. Presented at American College of Sports Medicine Conference in SanDiego, CA.

Moore, MT, Murphy, B, Seramur, D. Validity and Reliability of Lifespan ImPACT (Kid's Version) in 5-12 years old. Poster Presentation at ITAT ImPACT conference in Pittsburg, PA. July 31, 2014.

Moore, MT. Covassin, TM. Effect of Physical Activity and Hours of Sleep on Symptoms Scores Following Migraine. Poster Presentation at European Headache and Migraine Trust International Congress. September 20-23, 2014. Coopenhagen, Denmark.

Moore, MT. Pediatric Concussion. Evidence Based Practice in Athletic Training. Northern Michigan University. July 25, 2014 Oral Presentation.

Moore, MT. Murphy, B. (2015). Return to Learn and Play after Concussion in Kids 5-12. Hour long presentation. GLATA. Peer Reviewed and Paid, 100+ participants. March 13, 2015. Wheeling, IL.

Carlson, B.R., Petushek, E.J., Moore, M., & Dermeyer, H. (2015). Effect of sauna therapy on overhead squat depth in elite weightlifters. *33<sup>rd</sup> International Symposium on Biomechanics in Sports*, Poitiers, France. Conference Proceedings <https://ojs.ub.uni-konstanz.de/cpa/article/viewFile/6520/5885>

Hawkins, H. Moore, MT. The Effects of Head Impacts from the Water in College Aged Divers (2015). Celebration of Student Research. NMU. Also presented at the MTU/NMU Collaborative Conference.

Moore, MT. Cornell, N. Validity and Reliability of Pediatric ImpACT in Five to Twelve Year Olds (2015). Oral Presentation at NATA. St. Louis, MO. June 25th, 2015.

Moore, MT. Muscle Energy Workshop. Northern Michigan University Athletic Training Conference. July 31, 2015. Oral Presentation.

Hawkins, H. Moore, MT Head Impact on the Brain in College-Aged Recreational, Experienced and Professional Divers. Presented at the 67<sup>th</sup> Annual 2016 NATA Free Communications Program. Accepted for peer reviewed oral presentation (one of only 3 undergraduate students to get this honor!). July 2016.

Moore, MT, Rochester JA. Perception of Risk of Injury on Grass versus Indoor Field Turf Surfaces in Collegiate Football Players. Presentation at the 67<sup>th</sup> Annual NATA Conference July 2016.

Cornell NA, Moore MT, Wujcik NA, Hamachek J, Lovell MR. Test/ Retest Reliability for Pediatric ImpACT Post One to Two years in Five to Eleven Year Olds. Accepted for presentation at the 67<sup>th</sup> Annual NATA Conference July 2016.

Hamachek, J. Moore, MT, Cornell NA. Pediatric ImpACT Test/Retest Reliability for Soccer/Hockey Players After One to Two Years in Five to Eleven Year Olds. NCHC Conference October 12-16 2016, Seattle, WA.

Moore, MT, Carlson, J, Hamachek, J, Young, J, Kangas, K (2017). Lingering dynamic balance decrements in college athletes after acute phase of mild traumatic brain injury compared to controls. Society for Neuroscience Conference Washington DC, November 2017.

Kangas, K, Aday, J., Moore, M., & Carlson, J. M. (2017). An assessment of frontal lobe activity during an attentional bias task following concussion in collegiate athletes: A near-infrared spectroscopy study. Society for Neuroscience Conference Washington DC, November 2017.

Susa, T., Kangas, K, Moore, M., & Carlson, J. M. (2017). Near-infrared spectroscopy measures of prefrontal cortex oxygenation following mild traumatic brain injury. Society for Neuroscience Conference Washington DC, November 2017.

Moore, MT, Carlson, JM, Kangas, KJ, Susa, TR, Schmidt, ML. (2018) Collegiate Athletes with Mild Traumatic Brain Injury Demonstrate Lingering Dynamic Balance Decrements Compared to Controls. Oral presentation at NATA 2018.

Vaniman, AL, Moore, MT. (2018) Bi Lateral Hand Compartment Syndrome in a Former High School Tri-Athlete. Presented at Great Lakes Athletic Trainers Association Conference March 15, 2018.

Susa, T., Kangas, K., Moore, M., and Carlson, J. (2018). Near-infrared spectroscopy measures of prefrontal cortex oxygenation following mild traumatic brain injury. Poster presented at the Annual Midwestern Psychological Association Conference at the Palmer House Hilton, Chicago, IL. April 2018.

Moore, MT, Carlson, JM, Kangas, KJ, Susa, TR, Schmidt, ML. (2018) Collegiate Athletes with Mild Traumatic Brain Injury Demonstrate Lingering Dynamic Balance Decrements Compared to Controls. Accepted for poster presentation at Canada Athletic Therapists Association May 2018.

Vaniman, AL, Moore, MT. (2018). Bi Lateral Hand Compartment Syndrome in a Three Sport High School Athlete. Accepted for presentation at NATA 2018 June.

Carlson JM, Susa TR, Moore, MT. (2018). Time-dependent prefrontal white matter differences and changes in attentional bias to threat following mild traumatic brain injury. Poster presentation at Society for Neuroscience Conference San Diego 2018.

Susa, TR, Brandt, R., Kangas, K., Bammert, C., Ottem, E., Moore, M. M. & Carlson, JM. (2018). Elevated levels of BDNF, depression, anxiety, and stress following mild traumatic brain injury. Poster presented at Society for Neuroscience Conference San Diego 2018.

Moore, MT (2018). Imagery as a means to refocus. Invited Presentation to NMU Track and Cross Country Athletes. 11/7/18.

Moore, MT, MacFalda, B. (2018) Things that go Bump in the Night: Sports Related Concussion. Science on Tap, Invited Presentation. 9/13/18.

### **Theses: Directed or Reader**

Daniels, Eric (2012). Reader. Menstrual Cycle Phase Does Not Affect Knee Valgus Angle.

Ohnstad, Cora (2012). Director. A Relationship between an Athlete's Level of Competition and Their Ability to Tolerate Pain.

Lash, Mariah (2013). Director. The relationship between non-suicidal self-injury and Disordered Eating in Female Collegiate Athletes.

McCullough, Megan (2013). Director. Same-Sex vs. Opposite Sex Athletic Trainers: NCAA Athletes Comfort and Preference.

Derocher, Bridget (2013). Reader. The Acute Cardiovascular Responses to Marathon and Ultramarathon Competition

Elizabeth Frieseke (2014). Director. The Effect of Winter vs Summer Running on Lower Extremity Musculoskeletal Injury Rate in Recreational Runners.

Bellovary, Breanne (2014). Reader. Perceived demands of Cross-Fit.

Wetton, Erik. (2015). Reader. Off-Ice Plyometric Testing as Parameters for Predicting On-Ice Skating Speed in Elite Level Hockey Players. Oakland University.

Holly, Alexandra (2016). Reader. Assessing and Reporting Normative Data and Correlations in Adolescent Non-Professional Dancers.

Carey, Erin (2016). Reader. Concussion Incidence and Awareness in Elite Snocross Racing. California University of Pennsylvania.

Denherder, Alicia (2017) Reader. Comparison of Clinical Versus Mechanical Measurements in Detecting Lower Limb Asymmetries Associated with a second ACL injury.

Jones, Brandon (2017). Reader. The Effects of Whole Body Heat Stimulus (Sauna) on Heat Shock Protein 70 and Skeletal Muscle Hypertrophy in Young Weight Training Males.

Kangas, Keara (2017). Reader. An Assessment of Frontal Lobe Activity and BDNF Levels Following Concussion in Collegiate Athletes: A Near-Infrared Spectroscopy Study.

Erspamer, Bryan (2018). Reader. Causes of Hip Pain in Colligate Ice Hockey Players. University of Utah.

Nye, Rachel (2018). Reader. Oral Health Literacy in Pediatric Caregivers. Northern Michigan University DNP Program.

Schaefer, Alexis (2018). Director. Student Athletes' Perception of Smartphone Use and its Effects on Sleep Quality, Depression, and Anxiety.

Rettke, Devin (2019). Director. Neurophysiology and Video Analysis of Repeated Head Trauma in 1 and 3 Meter Springboard Diving

Anderson, Cale (2018). Reader. The Effects of Stress on American Football Overhand Throw Accuracy.

Susa, Taylor (2020). Reader.

