

Marguerite Moore Ph.D. AT, ATC
Lovell Endowed Professor of Athletic Training

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 Cognates: 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

Minor: Biology

Concentration: Chemistry

Work History

Northern Michigan University

Fall 2006-Present

2006-2008

Adjunct Professor

2008-2009

Instructor

2009- 2014

Assistant Professor

2014-2018

Associate Professor

2018-Present

Full Professor

2019-Present

Lovell Endowed Professorship

American Heart Association Training Center Director 2019-Present

Supervision of 36 AHA instructors at 8 sites
American Heart Association Training Center Faculty 2008-2019
Coordinate with Marquette General Hospital for supervision of ACLS courses
All documentation, instruction, and maintenance of certifications overseeing thousands of certifications annually in BLS, Heartsaver, First Aid
Coordinate all special classes with groups

Concussion Research Clinic Director 2021- Present

Medical Director: Dr. J Bryan Dixon

Organization

Purchase and maintain all research and rehabilitation equipment
Maintain and order all expendable supplies
Initiated all medical forms and documentation methods
Distributed a flyer and handout regarding services available
Coordinate all media surrounding the clinic
Attend community outreach events to publicize the clinic

Daily

Conduct all initial evaluations
Conduct and coordinate all rehabilitation plans
Coordinate with multiple medical professionals regarding patients
Document via electronic medical record all patient information
Coordinate all billing and scheduling of patient care
Preceptor for Athletic Training Masters students in clinical rotations
Coordinate research with Psychology students
Maintain approximately 16-20 hours weekly of clinical hours available for patients
Maintain sanitation of clinical areas

Courses Instructed

ATR/HL 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
PE 318	Motor Learning and Secondary School P.E.
HL 242	Emergency Health Care, Supervisor of Class
UN 100	Freshmen Seminar
ES 500	Research Methods in Exercise Science
ES 450	Principles of Manual Medicine
HL 460	Human Disease

NU 726	Nursing Epidemiology
ATR 591A/B	Clinical Skills in AT I/II
ATR 592 A/B	Clinical Experience in AT I,II
ATR 550	Advanced Manual Therapies
ATR 575	Research Methods in Athletic Training
HL 101	Medical Terminology
RE 492	Internship

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 2006-2014

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

Winter 02

I was responsible for laboratory activities in ATR 241.

Service

Discipline Specific

Reviewer for the following Journals

Journal of Orthopedic & Sports Physical Therapy

Journal of Athletic Training

Pediatrics

Measurement in Physical Education and Exercise Science

Journal of Concussion

Reviewer for the following events

NATA Convention Program Committee 2014

Athletic Trainers Education Conference 2014

Promotion confidential outside reviewer 2017/2022 for Monrovia College

World Federation of Athletic Training and Therapy World Congress 2015, St. Louis.

Anonymous reviewer for Montana State University Health and Human Performance Department faculty search. 2020

Invited External Reviewer Perdue University 2022

Invited External Reviewer Lebanon Valley College 2020

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

Leader of 501C3 Marquette County Junior Golf Association Board 2009-Current

* Treasurer for MCJG 2010- 2020

* Division/ Registration Secretary 2010- Current

*President 2018-2022

Expanded participation from 140-225 with supervision of 15 events, 5 employees, 45+ volunteers weekly, added two divisions.

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

*Treasurer for various Travel Teams 2015-2020

Volunteer Teaching Aid at Superior Hills Elementary -various years

Northern Michigan University

Graduate Programs Committee Chair 2022-present

Graduate programs committee member 2018-present

NMU HHP Department Faculty Chair 2021-present

Chair of Load Document Committee 2021-present

Member of the AAUP Executive Committee 2019-2021

Member of the College Advisory Committee 2018-2021, 22-23

Member of the University Scholarly Resources Assessment 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, 2021-2022
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

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

Training Center Coordinator for American Heart Association- certifications in ACLS, BLS, Heartsaver

Member of Recreation and Sports Search Committee 2008, 2021

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- 2016.

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 HHP Scholarly Resources Assessment Committee 2017- 2020

Member of Search Committee for Biomechanics/Exercise Science Position 2022

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

Fox, Brett, Moore, MT (2021). Concussion Management and Perceptions of Athletic Trainers Role: A Comparison Survey of Michigan's Primary Care Physicians in Rural and Urban Settings. Excellence in Education Grant (\$1500).

Clarke, Haley, Moore, MT (2021). The Relationship between Concussion and Mental Health in Elite Hockey Athletes: A Proposed Cohort Study. Excellence in Education Grant (\$1500).

Moore, MT, Crabb, J (2021). Perceptions of Student Preparedness in Health Professions after completion of Advanced Cardiac Life Support (ACLS) training (\$6500 COPHS +\$5500 Covid Relief Funds) COPHS Grant.

Moore, MT, Hubbard, C. (2019) Reliability and Validity of a Novel Sideline Concussion Test in Neurocognitive Normal 13-40 year olds. Faculty Grants. Internal Funded (\$7000)

Retteke, Devin, Moore, MT (2018). Spooner Grant. Internal (\$500). Funded F 2018.

Moore, MT (2017). Mild Traumatic Brain Injury in the Pediatric and Adult Populations. Reassigned Time Award Internally Funded (4 credits)

Moore, MT. Carlson, J. (2015). An Assessment of Prefrontal Cortex (De) Activity Following Concussion in Collegiate Athletes: A Near-Infrared Spectroscopy Study. NMU Faculty Grant (\$14,000). Funded. Collaboration with Josh Carlson in Psychology.

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).

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 (2022). Clinical Outcomes of a Novel Sideline Concussion Assessment Post-Concussion Through Return to Play/Learn/Work and One-Year Follow-up. BCBS Investigator Initiated Grant (\$75,000) under review.

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

Candidate for Excellence in Scholarship Award (2018)

Candidate for Distinguished Faculty Award (2022)

Lovell Endowed Professor (2019-2024) to complete concussion research

NMU Service Award (2018) Ten years of service

NMU Service Award (2023) Fifteen years of service

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

Unsung Hero Award- Northern Michigan University 1998

Memberships/ Certifications

Licensed Athletic Trainer in the State of MI License # 2601000270

Level 2 Certified Advanced Hawkgrrips Practitioner

Master Preceptor Level 1

ImPACT trained Athletic Trainer 2014-current

American Heart Association BLS CPR/ First Aid/ AED/ Airway 1997-current

American Heart Association Advanced Cardiac Life Support Certified 2021-current

Member of Great Lakes Athletic Trainers' Association 1998-current

Member of Michigan Athletic Trainers' Society 1998-Current

Member of National Athletic Trainers' Association 1998-Current

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

Member American Association of Neurology Various Years

Member of Society for Neuroscience Various Years

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, 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>

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

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>

Susa, TR, Brandt, R., Kangas, K., Bammert, C., Ottem, E., Moore, MT. & Carlson, JM. (2019). Elevated levels of BDNF, depression, anxiety, and stress following mild traumatic brain injury. *Journal of Concussion*. Volume 3: 1–6 <https://journals-sagepub-com.nmu.idm.oclc.org/doi/pdf/10.1177/2059700219894108>

Carlson, JM, Susa, TR, Kangas, K, Fang, L. & Moore, MT (2020). Sport-related concussion is associated with elevated anxiety, but not attentional bias to threat. *Brain Injury*. Volume 34 (3):363-368. DOI: 10.1080/02699052.2020.1723698 <https://www.tandfonline.com/eprint/8VNMFF9IESWTVNT9CAA5/full?target=10.1080/02699052.2020.1723698>

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

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>

Susa, T, Moore, M Carlson J. (2019). Relationship between serum-based biomarkers & Magnetic Resonance Imaging measures following mild traumatic brain injury in collegiate athletes post return to play. *Neurology*, 2019, 93(14) Supplement S25. DOI: 10.1212/01.wnl.0000581076.14454.28

<https://insights.ovid.com/neurology/neur/2019/10/01/relationship-serum-based-biomarkers-amp-magnetic/63/00006114>

<https://insights.ovid.com/neurology/neur/2019/10/01/relationship-serum-based-biomarkers-amp-magnetic/63/00006114>

Presentations

Moore MT, Hess RA. The effects of aquatic balance training on core stability in individuals with chronically unstable ankles. Poster Presentation at 55th 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 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 . Over 200 participants.
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 64th 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. Harwood¹, Bridget E. Durocher², Scott N. Drum², Phillip B. Watts², **Marguerite T. Moore²,** John J. Durocher¹. (2014). The Acute Cardiovascular Responses

to Marathon and Ultramarathon Competition. Presented at American College of Sports Medicine Conference in San Diego, 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. Copenhagen, 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, MT**., & Dermeyer, H. (2015). Effect of sauna therapy on overhead squat depth in elite weightlifters. *33rd 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 67th 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 67th 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 67th 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, MT.**, & 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, MT**, & 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, MT.**, 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. Presented 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, MT.** & 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.

Moore, MT. (2019). Stress and the Brain. Invited Presentation to the MSHS Faculty 1/21/18.

Susa, T, **Moore, M**. Carlson, J. (2019). Relationship between serum-based biomarkers & Magnetic Resonance Imaging measures following mild traumatic brain injury in collegiate athletes post return-to-play. Sports Concussion Conference, Indianapolis, In Poster Presentation

Moore, MT, Joubert, L (2021). Applying Research to your Training and Diet. Invited Presentation to Men's Soccer at NMU. Applied their specific data points compared to 4 sports at NMU. 2/11/21

Moore, MT, Hubbard, C, DeChambeau M. (2021) Validity and Reliability of Two Novel mTBI Tests in Dynamic Environments with Neurocognitive Normal 13-40 Year Olds. Presented July 2021 at Virtual World Congress on Brain Injury.

Moore, MT, Robers, A. (2021). Higher Head Bone Mineral Density Associated with a Concussion History in Collision and Contact Collegiate Athletes. Presented July 2021 at Virtual World Congress on Brain Injury.

Climie, S, Andrade, A, Zuidema, TR, **Moore, MT**, Carlson, JM (2021). Differential association between grey matter volume and S100B levels in mTBI. Poster presented at Virtual Society for Neuroscience Conference 2021.

Moore, MT. Concussions, Brain injuries and Migraines. (2022). Oral Presentation at NMU Lifelong Learning session. April 20, 2022.

Moore, MT. Women in Sport: A decade in review (2022). Oral Presentation for NMU AAUW. April 21, 2022.

Moore, MT, Hubbard C. (2023). A Case Study of a 15-year-old Female Swimmer with Multiple Concussions Complicated by Autonomic Dysfunction (Postural Orthostatic Tachycardia Syndrome), Dystonia, Gait Instability and Migraine. Oral presentation at the 14th World Congress on Brain Injury. March 2023.

Ogren, A, Sveda, T, Rochester, J, **Moore, M**. (2023) Burnout Rates among Michigan Collegiate Athletic Trainers: Post-Pandemic. Poster presented at GLATA 2023 Free Communications Program March 9, 2023.

NMU/Other Celebration of Students in Research Presentations by Students collaborators

1. Hamachek, J, Murphy, B and Seramur, D, **Moore, MT** (2014). Lifespan ImPACT test reliability and validity. 19th Annual Celebration of Student Research NMU. April 2014.
2. Anderson, C, Jensen, RA, **Moore, MT**. (2014). Comparison of Kinematics and Accuracy of Overhand American Football Throwing 19th Annual Celebration of Student Research NMU. April 2014.
2. Hawkins, H. **Moore, MT**. The Effects of Head Impacts from the Water in College Aged Divers (2015). Poster Presentation. 20th Annual Celebration of Student Research. NMU. April 2015
3. Hawkins, H. **Moore, MT**. The Effects of Head Impacts from the Water in College Aged Divers (2015) Oral Presentation at the MTU/NMU Collaborative Conference. April 2015.
4. The 2015 Doctoral of Nursing Practice (DNP) cohort was charged with exploring the role of epidemiology in developing evidenced-based nursing interactions for one identified current health care issue. For their final assignment in NU726, the students explored a review of literature related to their topic of interest and developed an educational policy poster including possible public interventions to overcome resistance to best practice as applicable at governing agency levels. These 18 posters were presented as examples of early work towards final scholarly projects required for successful completion of a DNP degree under myself and Dr. Robinia's supervision along with their project advisor. 20th Celebration of Student Research NMU. April 2015
5. Cornell NA*, **Moore MT***, Hamachek J*, Wujcik NA*, Lovell MR (2016) Pediatric ImPACT Test/ Retest Reliability for Soccer/Hockey Players After One to Two Years in Five to Eleven Year Olds 21st Annual Celebration of Student Research. April 2016.
6. Hamachek, Janice, Young, J. **Moore, MT**, Carlson, J. (2017). Correlates of Balance and ImPACT after Return to Play Post Concussion. 22nd Annual Celebration of Student research. April 2017.
7. Kangas, Keara. Carlson, J, **Moore, MT**. (2017). The relationship between BDNF and prefrontal cortex oxygenation following mild traumatic brain injury: Preliminary results from an NMU PRIME project. 22nd Annual Celebration of Student research. April 2017.
8. Kangas, Keara, Conger, Scott. **Moore, MT**, Carlson, J. (2017). Effects of Mild Traumatic Brain Injury on Attentional Bias to Threat: Preliminary Results from an NMU Prime Project. 22nd Annual Celebration of Student research. April 2017.
9. Abel, Amy, Kangas, Keara, **Moore, MT**, Carlson, J. (2017). A Comparison of Salivary and Serum Based BDNF Levels Following Mild Traumatic Brain Injury: Preliminary

Results from an NMU Prime Project. 22nd Annual Celebration of Student research. April 2017.

10. Kangas, Keara, **Moore, MT**, Carlson J. (2017). Attentional Bias: A Near–infrared Spectroscopy Study. A Comparison of Prefrontal Cortex Activity Across Emotional Stroop and Dot–probe Tasks. 22nd Annual Celebration of Student research. April 2017.

11. Kangas, Keara, **Moore, MT**, Carlson J. (2017). The Relationship between BDNF and Prefrontal Cortex Oxygenation Following Mild Traumatic Brain Injury: Preliminary Results from an NMU Prime Project. 22nd Annual Celebration of Student research. April 2017.

12. Eddy, Madison, Nelson, Samantha, **Moore, MT** (2022). Bystanders Ability to Provide High Quality CPR to Fatigue. 26th Annual Celebration of Student research. April 2022. 2nd place finish.

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 (2020). 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. Serum-based biomarkers and magnetic resonance imaging following mild traumatic brain injury in collegiate athletes post return-to-play.

Klinkman, Emily (2021) Director. Coordination variability and injury risk in experienced collegiate dancers: A prospective cohort study.

Linczeski, Zac (2021). Director. A systematic review: The effect of prophylactic braces on reducing risk factors related to ACL injury in athletes.

Fox, Brett (2022). Director. Concussion Management and Perceptions of Athletic Trainers Role: A Comparison Survey of Michigan's Primary Care Physicians in Rural and Urban Settings.

Clark, Haley (2022). Director. The Relationship of Concussions and Mental Health in Division I Hockey Players.

