

Kelly M. Cheever, PhD, LAT, ATC

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EDUCATION

Temple University, Philadelphia, PA

PhD, Athletic Training Emphasis, 2018

Department of Kinesiology, College of Public Health

Graduate Certificate: Teaching in Higher Education

Graduate Certificate: Neuroscience

Dissertation: *The Effect of Chronic Exposure to Head Impacts and Cervical Loads Due to Contact Sport Participation on Cervical Spine Sensory and Motor Function*

Brigham Young University, Provo, UT

Master of Science, Athletic Training Emphasis, 2014

Department of Exercise Science, College of Life Sciences

Thesis: *The Effect of Mild to Moderate Neck Pain on Cervical Function*

Southern Utah University, Cedar City, UT

Bachelor of Science in Athletic Training (magna cum laude), 2012

Department of Kinesiology, College of Education and Human Development

ACADEMIC APPOINTMENTS and WORK HISTORY

University of Texas at San Antonio, San Antonio, TX

Department of Kinesiology, Health and Nutrition

Assistant Professor, August 2018 to Present

Rowan University, Glassboro, NJ

Department of Health and Exercise Science, School of Health Professions

3/4 Faculty Instructor, August 2017 to June 2018

Jefferson University, Philadelphia, PA

Department of Health Sciences, College of Health Science and Liberal Arts

Adjunct Instructor, June 2017 to June 2018

Temple University, Philadelphia, PA

Kinesiology Department, College of Public Health

Instructor, January 2018 to Present

Research Coordinator, June 2016 to July 2018

Research Assistant, June 2015- June 2016

Teaching Assistant, August 2014- July 2016

Devon Preparatory Academy, Devon PA

Head Athletic Trainer, June 2015- August 2017

Brigham Young University, Provo, UT

Department of Athletics

Football Graduate Assistant Athletic Trainer, January 2013- June 2014

Department of Exercise Science

Instructor, August 2012- June 2014

Teaching Assistant, May 2012- July 2013, June 2014-August 2014

HONORS and AWARDS

2017 Eastern Athletic Trainers Association Graduate Poster Award Winner

2014 Brigham Young University Excellence in Graduate Studies Award

2013 Brigham Young University Excellence in Graduate Studies Award

2012 Graduated Magna Cum Laude from Southern Utah University

2007-2012 Southern Utah University Founders Scholarship

GRANT ACTIVITY

Previous Support

Cheever K (PI), Tierney RT (CO-PI), Wright WG.

Title: The effect of chronic exposure to head impacts and cervical loads due to contact sport participation on cervical spine sensory and motor function.

Funding Agency: Pennsylvania Athletic Trainers Society, INC Research Grant

Amount: Requested \$ 4,464, **Funded** \$ 2,500 (June 1, 2017- May 31, 2018).

Submitted: February 2016

Cheever K (PI), Johnson W, Myrer W

Title: The effect of mild to moderate neck pain on neck function.

Funding Agency: Brigham Young University Department of Exercise Science

Amount: \$2300, **Funded** (January 2014-May 2014)

Submitted: November 2013

Not Funded

Cheever K (PI), Tierney RT (CO-PI), Wright WG.

Title: Head impacts and cervical load exposure in contact sport athletes.

Funding Agency: Eastern Athletic Trainers Association. Research Grant

Amount: \$ 5,064

Submitted: March 2016

RESEARCH EXPERIENCE and TRAINING

Temple University Concussion Sport Lab, Philadelphia Pa

Research Coordinator (June 2016 to July 2018)

Army Research Lab Cooperative Agreement. Masucci M (PI). TBI Arm - Langford TD (PI), Tierney RT (Co-PI). Money to provide resources to fund projects examining subconcussion and concussion assessments and biomarkers. \$2,000,000, 10/2016 to 9/2018.

NCAA and Department of Defense Grand Alliance Concussion Consortium (3-16). Langford TD (Co-PI), Tierney RT (Co-PI). Study assessing the Natural History of Concussion. \$145,000, 6/2016 – 9/2017.

Temple University Office of the Vice Provost for Research Seed Grant (August, 2015). Langford TD, Tierney RT, Kawata K, Bellamy A, Takahagi M. Study assessing blood biomarkers of CNS cell injury following head impacts. \$25,000.

Virtual Reality and Perception Orientation Lab, Philadelphia, Pa

Research Assistant (June 2015-June 2016)

Department of Defense, Army Rapid Innovation Fund, Broad Agency Announcement (W911NF-12-R-0019) Challenge #7d (*Human – Medical Assessment and Treatment*).

Wright G, Haran J, Tucker C, Tierney RT, Keshner E, & Grace M. Study assessing a Virtual Environment TBI Screen (VETS): A field-deployable diagnostic screening system.

\$1,177,142 2 years, 9/2013 – 9/2015.

TEACHING RECORD

University of Texas at San Antonio, San Antonio, TX

Department of Kinesiology, Health, and Nutrition

Evaluation of Athletic Injuries (KINS 4293), Fall 2018, **Instructor**

Rowan University, Glassboro, NJ

Department of Health and Exercise Science

Human Disease and Epidemiology in Exercise Science (HES 338), Spring 2018, **Instructor**

Exercise Special Populations (HES 412), Fall 2017, Spring 2017, 2 sections, **Instructor**

Foundations of Human Performance in Clinical Settings (HES 105), Fall 2017, **Instructor**

Jefferson University, Philadelphia, PA

Department of Health Sciences

Exercise Physiology (HSCI 306), Spring 2017, **Instructor**

Introduction to Kinesiology (HSCI 307), Fall 2017, **Instructor**

Temple University, Philadelphia, PA

Kinesiology Department

Therapeutic Modalities (KINS 5441), Spring 2018, **Instructor**

Biomechanics of Physical Activity (KINS 3202), Fall 2014, 2015; Spring 2015, 2016,

Brigham Young University, Provo, UT

Department of Exercise Science

Beginning Basketball (STAC 111), Fall 2012, Winter 2013, Summer 2014, **Instructor**

Bowling (STAC116), Summer 2014, **Instructor**

Functional Anatomy (EXSC 400) Fall 2012, Summer 2014, **Laboratory instructor**

Weight Training (STAC 191), Fall 2012, Winter 2013, Summer 2013, **Instructor**

Intermediate Basketball (STAC 112) Fall 2012, Winter 2013, **Instructor**

Flexibility (STAC 125) Fall 2012, Winter 2013) **Instructor**

SCHOLARSHIP

Refereed Articles

1. Phillips J, **Cheever KM**, McKeon JL, Mansell J, Tierney RT. Effect of administration method on near point of convergence scores in healthy, active, young adult population. *International Journal of Athletic Therapy and Training*. (accepted 08/03/2017)
2. **Cheever KM**, Tierney RT, Wright WG. Effects of concussion recovery phase on symptom provocation using vestibular and oculomotor assessments. *International Journal of Sports Medicine*. 2018;39(2):141-147
3. **Cheever KM**, Myrer WB, Johnson AW, Fellingham GW. Understanding the complete pathophysiology of chronic mild to moderate neck pain: Implications for the inclusion of a comprehensive sensorimotor evaluation. *Journal of Back Musculoskeletal Rehabilitation*. 2017;30(1) 991-997.
4. Lindsey J, **Cheever KM**, Tierney RT, Mansell J. The effect of fatigue on oculomotor screening. *Athletic Training Sports Health Care*. 2017;9(4):177-183.
5. **Cheever KM**, Kawata K, Galgon A, Tierney RT. Cervical injury assessments for concussion evaluation: A review. *Journal of Athletic Training*.2016;51(12):1037-1044.

Refereed Articles in Review

1. **Cheever KM**, Wright WG, Tierney RT. Baseline differences in cervical proprioception between contact and non-contact sport athletes. *Clinical Journal of Sports Medicine*. (submitted 12/25/17)
2. Mansell J, Kampa C, **Cheever KM**, Tierney RT. Effect of head impact response on quality of life in collegiate athletics. *Athletic Training Sports Health Care*. (Revision submitted 05/10/17)

Manuscripts in Preparation

1. **Cheever KM**, Wright WG, Tierney RT. Predicting injury risk using sensorimotor neck function in colligate athletes.
2. **Cheever KM**, Wright WG, Tierney RT. Sex-related differences in cervical sensory-motor function in contact sport athletes.
3. **Cheever KM**, Pagnotta K, Tierney RT. Concussion diagnostic and management strategies across athletic training employment settings.
4. Ratka J, **Cheever KM**, Mansell JM, Tierney RT. The effect of exercise induced fatigue on A Brief Vestibular/Ocular-Motor Screen. (final revision)

Refereed Presentations and Poster Presentations

1. **Cheever KM**, Wright GW, Sitler M, Tierney RT. Differences in Baseline Cervical Sensory-Motor Integration in Colligate Contact Sport Athletes vs Non-Contact Controls. 2018 NATA Clinical Symposia & AT Expo. June 2018. New Orleans, LA
2. Coy S, **Cheever K**, McGinnis I, Cobb J, Wright WG, Mansell J, Tierney RT. Normative Values for the Vestibular/Ocular Motor Screen (VOMS) in a Healthy Collegiate Population. College of Public Health Research Day, April 2018. Poster presentation.
3. Bistline J, **Cheever K**, McGinnis I, Cobb J, Wright WG, Mansell J, Tierney RT. Sex Differences in Ocular-Motor Function Among Collegiate Club Rugby Players. College of Public Health Research Day, April 2018. Poster presentation.
4. Ratka J, **Cheever K**, Mansell J, Tierney RT. The Effects of Fatigue on Vestibular Ocular Motor Screening Performance. College of Public Health Research Day, April 2018. Poster presentation.
5. Tierney RT, **Cheever KM**, Lee J, Wesley L, Grunwald H, Rubin L, Langford TD, Wright WG. The effect of dirt jumping on head kinematics and concussion assessment scores. 14th Annual Conference on Brain Injury. International Brain Injury Association. March 2018 Houston, TX
6. **Cheever KM**, Pagnotta K, Tierney RT. Certified Athletic Trainers' use of cervical testing to differentiate symptoms following a suspected concussion. 2017 Supplement to the *Journal of Athletic Training*
7. **Cheever KM**, McDevitt J, Tierney RT, Wright WG. Free communication/slide. Effects of concussion recovery phase on symptom provocation using vestibular and assessments. Annual Meeting, World Congress on Exercise is Medicine, and World Congress of the Basic Science of Exercise and the Brain of the American College of Sports Medicine. Volume 49:5 Supplement June 2017. Denver, CO.
8. **Cheever KM**, Pagnotta K, Tierney RT. Certified Athletic Trainers' use of cervical testing to differentiate symptoms following a suspected concussion. 2017 NATA Clinical Symposia & AT Expo. June 2017. Houston, TX.
9. Phillips J, **Cheever KM**, McKeon JL, Mansell J, Tierney RT. Effect of administration method on near point of convergence scores in healthy, active, young adult population. 2017 Pennsylvania Athletic Trainers Annual Meeting & Clinical Symposium. June 2017. Erie, Pa.
10. Lee J, **Cheever KM**, Wright WG, Tierney RT. Normative data for BESS and SOT in collegiate population. College of Public Health Research Day, April 2017. Philadelphia Pa.
11. **Cheever KM**, Pagnotta K, Tierney RT. Certified athletic trainers' use of cervical testing to differentiate symptoms following a suspected concussion. (Graduate Poster Award Winner) Eastern Athletic Trainers Association 69th Annual Conference. January 2017. Philadelphia, Pa.
12. **Cheever KM**, Kawata K, Galgon A, Tierney RT. Cervical clinical test to use during a concussion evaluation: A Review. Temple CPH Research Day. April 2016. Philadelphia, Pa.

13. Lindsey J, **Cheever KM**, Mansell JM, Tierney RT. Effect of fatigue on ocular motor screening. Temple CPH Research Day. April 2016. Philadelphia, Pa.
14. Szwanki V, Mansell JM, **Cheever KM**, McDevitt J, Tierney RT. Correlations between in change in center of pressure as measured by Sensory Organization Test and Virtual Environment Test Screening. Temple CPH Research Day. April 2016. Philadelphia, Pa.
15. Roseberry T, Mansell JM, Phillips J, **Cheever KM**, McDevitt J. Comparison of the Horizontal Gaze Stabilization Test and Sensory Organization Test in concussed physically active individuals. Temple CPH Research Day. April 2016. Philadelphia, Pa.
16. Lindsey J, **Cheever KM**, Mansell JM, Tierney RT. Effect of fatigue on ocular motor assessments. National Athletic Trainers' Association. June, 2016. Baltimore, MD.
17. McDevitt JK, **Cheever KM**, Appiah-Kubi KO, Tierney RT, Wright WG. Vestibular and oculomotor assessments may increase accuracy of subacute concussion assessment. National Athletic Trainers' Association. June, 2016. Baltimore, MD.
18. Fettrow T, Vanderlinde-DosSantos F, **Cheever KM**, Tierney R, Jeka JJ. Vestibular function after kicking a soccer ball, a control study. Temple CPH Research Day. April, 2015 Philadelphia, PA.

Invited Presentations (4)

1. **Cheever KM** "Concussion diagnosis: A Multifaceted Approach" Temple University entry level master's degree students 07/31/17
2. **Cheever KM** "Therapeutic modalities what does the evidence say?" Southern Utah University Athletic Training Program 01/05/2017.
3. **Cheever KM** "Concussion diagnosis: what do we know and what does it mean?" Temple University entry level master's degree students 07/12/16.
4. **Cheever KM** "Concussion or neck strain? Clinical test to evaluate neck pathology in suspected concussion patients." Eastern University Athletic Training Program 10/12/15.

Graduate and Undergraduate Research Committees (10)

Temple University

1. McGinnis I. Sex differences in baseline clinical reaction time as measured by Dynavision. Master's degree, anticipated May 2019 **Doctoral student mentor**
2. Cobb J. Differences in clinical reaction time in contact vs. limited-contact vs. non-contact student athletes. Master's degree, anticipated May 2019 **Doctoral student mentor**
3. Jatka J. The Effect of Fatigue on A Brief Vestibular Ocular-motor Screen. Master's degree, anticipated May 2018 **Doctoral student mentor**
4. Coy S. Normative baseline measures on A brief Vestibular Ocular-motor Screen in 600 Division 1 athletes. Master's degree, anticipated 2018 **Doctoral student mentor**

5. Bistline J Sex Differences in Baseline concussion measures in 600 Student athletes. Master's degree, anticipated 2018 **Doctoral student mentor**
6. Lee JE. "A comparison of normative change measures for Sensory Organization Test and virtual environment test screening. Master's degree, May 2017 **Doctoral student mentor**
7. Lindsay J. The Effect of Fatigue on King-Devick and near point of Convergence. Master's degree, May, 2016 **Doctoral student mentor**
8. Roseberry T. Correlations between SOT and horizontal gaze test in physically active concussed individuals. Master's Degree, May 2016 **Doctoral student mentor**
9. Szwanki V. Correlations between in change in center of pressure as measured by Sensory Organization Test and virtual Environment test screening. Master's degree, May 2016 **Doctoral student mentor**
10. **McKeon J.** Effect of administration method on near point of convergence scores in healthy, active, young adult population. Undergraduate degree, May 2016 **Research mentor**

Research and Academic Service

Journal Peer Reviewer

Journal of Athletic Training
Athletic Training & Sports Health Care
Journal of Sport Rehabilitation
Journal of Sports Science

CLINICAL EXPERIENCE

Temple University Concussion Research Lab, Philadelphia, PA

Research Coordinator, June 2015- Present
Research Assistant, August 2014-June 2015

Devon Preparatory School, Devon, Pa

Head Athletic Trainer, August 2015- August 2017

Brigham Young University, Provo, UT

Graduate Assistant Athletic Trainer: Football, January 2013- July 2014
Summer Camps Athletic Trainer, Summer 2013, 2014

COMMUNITY SERVICE

Service Missionary, Porto Alegre, Brazil (August 2008-August 2010)

PROFESSIONAL ORGANICATIONS/CERTIFICATIONS

Licensed Athletic Trainer Texas	License#AT7620 (2018-)
SWATA Member	2018-
EATA Member	2014-2018
Licensed Athletic Trainer Pennsylvania	License #RT006095 (2014-)
BOC Certified Athletic Trainer	Certification #2000012476 (2013-)
Licensed Athletic Trainer Utah	License #8680283-4810 (2013-2015)
RMATA Member	2011-2015
NATA Member	Membership #52857 (2011-)

American Heart Association BLS CPR Certified
NPI#

2008-Current
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