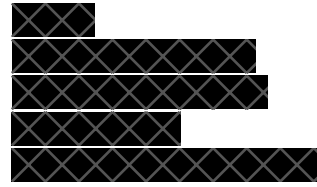


STEVEN P. BROGLIO

Office:

830 N. University Ave
Ann Arbor, MI 48109



EDUCATION

University of Georgia: Athens, Georgia: 2006

Doctorate of Philosophy, Exercise Science: Measurement and Evaluation concentration
Dissertation: *Reliability of computer-based concussion assessment programs*

University of Pittsburgh: Pittsburgh, Pennsylvania: 2002

Master of Science, Health and Rehabilitation Science

Thesis: *The acute effect of rotational heading on measures of postural stability*

University of North Carolina at Chapel Hill: Chapel Hill, North Carolina: 2000

Bachelor of Arts, Exercise and Sport Science

Highest Honors and Highest Distinction Graduate

Thesis: *The cumulative effect of soccer on postural stability and cognitive function*

LEADERSHIP TRAINING

Association of Public and Land-grant Universities: Council on Research Leader Fellowship: 2022-2023

University of Michigan Center for Health and Research Transformation: Health Policy Fellowship: 2022

Big Ten Academic Alliance: Academic Leadership Program Fellow: 2019-2020

PROFESSIONAL EXPERIENCE

University of Michigan

School of Kinesiology

Associate Dean of Graduate Affairs: 2020 to present

Founding Director, Michigan Concussion Center: 2018 to present

Professor: 2018 to present

Associate Professor: 2013 to 2018

Assistant Professor: 2011 to 2013

Director, NeuroTrauma Research Laboratory: 2011 to present

School of Medicine

Department of Neurology

Professor: 2019 to present

Adjunct Associate Professor: 2014 to 2019

Adjunct Assistant Professor: 2011 to 2014

Department of Physical Medicine and Rehabilitation

Professor: 2019 to present

Adjunct Associate Professor: 2014 to 2019

Adjunct Assistant Professor: 2011 to 2014

Neuroscience Graduate Program

Faculty: 2021 to present

University of Michigan Injury Prevention Center

Concussion Content Lead: 2016 to present

Member: 2013 to 2016
Institute for Healthcare Policy and Innovation
Leadership Team: 2022-present
Investigator Member: 2014 to present
Center for Human Growth and Development
Member: 2019 to present

University of Illinois at Urbana-Champaign

Department of Kinesiology and Community Health
Adjunct Assistant Professor: 2011 to 2017
Director, Graduate Athletic Training: 2008 to 2011
Assistant Professor: 2006 to 2011
Director, Neurotrauma Research Laboratory: 2006 to 2011
Director, Undergraduate Athletic Training Education Program: 2006 to 2011
Center for Advanced Study
Beckman Fellow: 2010 to 2011
Center on Health, Aging, and Disability
Affiliate Member: 2008 to 2011

University of Georgia

Department of Kinesiology
Clinical Coordinator, Undergraduate Athletic Training Education Program: 2003 to 2006

University of Pittsburgh

Neuromuscular Research Laboratory
Research Assistant: 2001

TEACHING EXPERIENCE

University of Michigan

School of Law
Course Instructor Concussion: Reducing Brain Injuries in Youth Football
School of Kinesiology
Course Instructor: Athletic Training Administration
Pharmacology for the Allied Health Professional
Mild Traumatic Brain Injury in Sport

University of Illinois at Urbana-Champaign

Department of Kinesiology and Community Health
Course Instructor: Advanced Assessment of Athletic Injuries - Lower Extremity
Advanced Assessment of Athletic Injuries - Upper Extremity
Capstone Proficiency of Athletic Training
Special Topics - Sport Concussion
Issues in Sports Medicine

University of Georgia

Department of Exercise Science

Course Instructor: Recognition and Evaluation of Athletic Injuries - Upper Extremity
Introduction to Athletic Training Lab
Clinical Experience in Athletic Training I, II, III, IV

Workshops: Athletic Training Student Workshop:
Co-director: 2004 to 2006
Cramer Japan Athletic Training Workshop:
Co-director: 2004
Coordinator and lecturer: 2003

University of Pittsburgh

Department of Health and Rehabilitation Science

Course Instructor: Athletic Training Practicum
Basic Athletic Training Lab
Teaching Assistant: Basic Athletic Training

University of North Carolina at Chapel Hill

Department of Exercise and Sport Science

Teaching Aid: Human Anatomy Cadaver Lab, 1999

CLINICAL EXPERIENCE

University of Georgia

Graduate Research Assistant (Athletic Training Research Laboratory): 2002 to 2006
Approved Clinical Instructor of Athletic Training Students: 2003 to 2006
Graduate Assistant Certified Athletic Trainer - Cheerleading: 2004

University of Pittsburgh

Graduate Assistant Certified Athletic Trainer - Baseball: 2000 to 2002
Graduate Assistant Certified Athletic Trainer - Women's Soccer: 2002

University of North Carolina at Chapel Hill

Athletic Training Student: 1998 to 2000
Teams covered: football, track & field, field hockey, baseball, Southeast
Raleigh High School

Athletic Summer Camps

Certified Athletic Trainer
University of North Carolina - Field Hockey: 2000 to 2003
Carnegie Mellon University - Soccer: 2001
Athletic Training Student
University of North Carolina - Field Hockey, Wrestling: 1999

New York Football Giants

Training Camp Intern: 1999

SCHOLARSHIP

Refereed Journal Publications

Broglio SP, Liebel S, Zhou W, Pasquina P, McAllister T, McCrea M, Jarezlak J, CARE Consortium Investigators, Recovery of clinical assessment metrics following sport-related concussion: Findings from the CARE Consortium, *New England Journal of Medicine* (in review).

Memmini AK, Mosesso KM, Perkins SM, Brett BL, Pasquina PF, McAllister TW, McCrea MA, **Broglio SP**, CARE Consortium Investigators, Premorbid risk factors and acute injury characteristics of sport-related concussion across the National Collegiate Athletic Association: Findings from the Concussion Assessment, Research, and Education (CARE) Consortium, *British Journal of Sports Medicine* (in review).

Caccese JB, Bryk KN, Porfido T, Bretzin AC, Peek K, Kaminski TW, Kontos AP, Chrisman SPD, Putukian M, Buckley TA, **Broglio SP**, McAllister TW, McCrea MA, Pasquina PF, Esopenko C, Cognitive and behavioral outcomes in male and female NCAA soccer athletes across multiple years: A CARE Consortium study, *Sports Medicine* (in review)

Lempke LB, Teel EF, Lynall RC, Hoffman NL, Buckley TA, Eckner JT, McCrea MA, McAllister TA, **Broglio SP**, Schmidt JB, Early exercise is associated with faster concussion recovery among collegiate athletes: Findings from the NCAA-DoD CARE Consortium, *Sports Medicine* (in review).

Muench JR, Sinson GP, Harezlak J, Rowson S, Duma S, Brooks A, Cameron K, Giza C, Goldman J, McGinty G, Rigger LD, Pasquina P, Broglio SP, McCrea M, McAllister T, Stemper B, Change in head impact exposure following return to play in concussed football athletes, *Sports Medicine* (in review).

Arbogast, Caccese JB, Buckley TA, McIntosh AS, Henderson K, Stemper BD, Solomon G, **Broglio SP**, Funk JR, Crandall JR, Consensus Head Acceleration Measurement Practices (CHAMP): Origins, Methods, Transparency and Disclosure, *Annals of Biomedical Engineering* (in review)

Broglio SP, Boltz AJ, Memmini AK, Yengo-Khan AM, Conway DP, Shah R, McCrea MA, McAllister TW, Brett BK, CARE Consortium Investigators, Race and socio-economic characteristics of NCAA student-athletes – Implications for sports medicine professionals: A CARE Consortium study, *Journal of Athletic Training* (in review).

Kroshus E, Leeds DD, McAllister T, Kerr ZY, Knight K, Register Mihalik J, Lynall RC, D'Lauro C, Ho Y, Rahman M, **Broglio SP**, McCrea MA, Schmidt JD, CARE Consortium Investigators, Optimizing concussion care seeking: Using machine learning to identify individual and institutional factors that predict concussion care seeking, *Sports Medicine* (in review).

McAllister TW, **Broglio SP**, Katz BP, Perkins SM, LaPradd ML, Zhou W, McCrea MA, Characteristics and outcomes of athletes with slow recovery from concussion: A CARE Consortium study, *JAMA* (in review).

Liebel SW, Van Pelt KL, Pasquina PF, McAllister TW, McCrea MA, **Broglio SP**, CARE Consortium Investigators, Sport-specific recovery trajectories for NCAA collegiate athletes following concussion, *Neurology* (in review).

Garcia GG, Lavieri M, McAllister T, McCrea M, **Broglio SP**, Reducing the Price of Naïveté in return-to-play from sports-related Concussion, *Production and Operations Management* (in review).

Valerio KE, Baccese JB, Kontos AP, Buckley TA, Garcia GGP, Port N, **Broglia SP**, McAllister TW, McCrea M, Pasquina PF, Hayes JP, CARE Consortium Investigators, Primary and secondary risk factors associated with concussion symptom clusters in collegiate athletes: Results from the NCAA-DoD Grand Alliance CARE Consortium, *American Journal of Sports Medicine* (in review).

Memmini A, Kinnett-Hopkins D, Hasson R, Rifat S, **Broglia, SP**, Considerations for implementing the post-concussion collegiate return-to-learn protocol in the Power 5 conferences, *Journal of Athletic Training* (in review).

Simpson E, Nudelman KN, Riggen L, Menser M, Ren J, Reiter JL, Harezlak J, Foroud TM, Saykin AJ, **Broglia S**, McCrea MA, Pasquina PF, McAllister TW, Liu Y, CARE Consortium Investigators, Gene expression alterations in peripheral blood following sport-related concussion in a prospective cohort of collegiate athletes: A Concussion Assessment, Research and Education (CARE) Consortium Study, *The Lancet Neurology* (in review)

Kontos AP, Shawn E, Chrisman S, Putukian M, Manderino LM, Holland CL, Collins M, **Broglia S**, McAllister TW, McCrea M, Pasquina P, Kaminski T, Incidence of concussion and associated risk factors in collegiate soccer: Findings from the NCAA-DoD CARE Consortium, *Brain Injury* (in review).

Memmini AK, Popovich MJ, Schuyten KH, Herring SA, Scott KL, Clugston JR, Choe MC, Bailey CM, Brooks MA, Anderson SA, McCrea MA, Kontos AP, Wallace JS, Register Mihalik JK, Kasamatsu TM, Valovich McLeod T, Weber Rawlins ML, Snedden TR, Kaplan M, Akani B, Orr LJCL, Hasson RE, Rifat SF, **Broglia SP**, Recommendations for medical discharge documentation and academic supports for university students recovering from concussion, *Sports Medicine* (in review).

Memmini AK, Popovich MJ, Schuyten KH, Herring SA, Scott KL, Clugston JR, Choe MC, Bailey CM, Brooks MA, Anderson SA, McCrea MA, Kontos AP, Wallace JS, Register Mihalik JK, Kasamatsu TM, Valovich McLeod T, Weber Rawlins ML, Snedden TR, Kaplan M, Akani B, Orr LCL, Hasson RE, Rifat SF, **Broglia SP**, Development of the post-concussion collegiate return-to-learn protocol using a modified Delphi technique, *Sports Medicine* (in review).

Kay J, Coffman C, Tavakoli A, Torres-McGehee T, **Broglia S**, Moore R, Dose-response between concussion frequency and suicidal behaviors in a nationally representative sample of U.S. high schoolers, *Journal of Athletic Training* (in review).

Valerio KE, Caccese JB, Kontos AP, Buckley TA, Garcia GGP, Port N, **Broglia SP**, McAllister TW, McCrea M, Pasquina PF, Hayes JP, CARE Consortium Investigators, Primary and secondary risk factors associated with concussion symptom clusters in collegiate athletes: Results from the NCAA-DoD Grand Alliance CARE Consortium, *Sports Medicine* (in review).

Wu YC, Wen Q, Gill JM, Thukral R, Gao S, Lane KA, Meier TB, Riggen LD, Harezlak J, Giza CC, Goldman J, Guskiewicz KM, Mihalik JP, LaConte SM, Duma SM, **Broglia SP**, Saykin AJ, McAllister TW, McCrea MA, Longitudinal associations between blood biomarkers and white-matter MRI in sport-related concussion: A study of the NCAA-DoD CARE Consortium, *Neurology* (in review).

Broglio SP, Register-Mihalik JK, Guskiewicz KM, Leddy JJ, Merriman A, Valovich McLeod TC. Updates to the 2014 National Athletic Trainers' Association Position Statement: Management of Sport Related Concussion, *Journal of Athletic Training* (in review).

Czerniak L, Liebel SW, Zhou H, Garcia GGP, Lavieri MS, McCrea MA, McAllister TW, Pasquina PF, **Broglio SP**, Sensitivity and specificity of the ImpACT neurocognitive test in collegiate athletes and U.S. Military Service Academy cadets with ADHD and/or LD: Findings from the NCAA-DoD CARE Consortium, *Sports Medicine* (in review).

Simpson E, Nudelman KN, Riggen L, Menser M, Ren J, Reiter JL, Harezlak J, Foroud TM, Saykin A, **Broglio S**, McCrea M, Pasquina PF, McAllister TW, Liu Y, CARE Consortium Investigators, Gene Expression Alterations in Peripheral Blood Following Concussion in a Prospective Cohort of Collegiate Athletes: a CARE Consortium Study, *Lancet Neurology* (in review)

Schmidt JD, **Broglio SP**, Knight K, Leeds DD, Lynall RC, D'Lauro C, Register Mihalik JK, Kroshus E, McCrea M, McAllister T, Kerr ZY, CARE Consortium Investigators, Optimizing concussion care seeking: A longitudinal analysis of recovery, *American Journal of Sports Medicine* (in review)

Seifert J, Shah AS, Harezlak J, Rowson S, Mihalik J, Riggen L, Duma S, Brooks A, Cameron KL, Giza CC, Goldman J, Guskiewicz K, Houston MN, Jackson JC, McGinty G, Pasquina P, **Broglio S**, McAllister T, McCrea MA, Stemper BD, Time delta head impact frequency: an analysis on head impact exposure in the lead up to a concussion: findings from the NCAA-DoD CARE Consortium, *Annals of Biomedical Engineering* (in review)

Caccese JB, Garcia GGP, Kontos AP, Port N, Valerio K, **Broglio SP**, McCrea M, McAllister TW, Pasquina PF, Buckley TA, CARE Consortium Investigators, Test-retest reliability and efficacy of individual symptoms in concussion management, *Clinical Journal of Sports Medicine* (in review).

Vorn R, Devoto C, Meier TB, Lai C, Yun S, **Broglio SP**, Mithani S, McAllister T, Giza C, Kim HS, Huber D, Harezlak J, Cameron K, McGinty G, Jackson J, Guskiewicz K, Mihalik J, Brooks A, Duma S, Rowson S, Nelson LD, Pasquina P, McCrea MA, Gill JM, CARE Consortium Investigators, EPB41 and Alpha Synuclein are diagnostic biomarkers of a sports concussion: Findings from the NCAA and Department of Defense CARE Consortium, *Neurology* (in review).

Whelan BM, Gause E, Ortega JD, Mills B, Schmidt JD, Kaminski TW, Breedlove KM, Buckley TA, Kontos AP, Clugston JR, Goldman JT, Harmon KG, McCrea M, McAllister T, **Broglio SP**, Chrisman SPD, King-Devick testing and concussion recovery time in collegiate athletes, *Journal of Science and Medicine in Sport* (in review).

Cunningham J, Joice C, O'Dowd A, **Broglio SP**, Newell F, Kelly A, Wyse J, Joyce O, Januszewski J, Wilson F, Multisensory processing is associated with number of past concussions in retired rugby union players a cross-control study; findings from the RETIRE study, *Brain Injury* (in review).

Stemper BD, Shah AS, Rowson S, Mihalik J, Riggen L, Harezlak J, Duma S, Pasquina P, **Broglio SP**, McAllister TW, McCrea M, CARE Consortium Investigators, Correlation of annual trends in preseason and regular season head impact exposure with season-long concussion incidence in NCAA Division I college football, *Journal of Athletic Training* (in review)

Balendran V, Vesia M, McCrea M, McAllister T, Giordani B, **Broglia SP**, CARE Consortium Investigators, Do research MRIs affect the recovery trajectory of student-athletes who have sustained sports-related concussion?, *Research In Sports Medicine* (in review).

Asken B, Hromas G, Houck Z, Clugston J, Bauer R, Mihalik J, Powell J, Guskiewicz K, **Broglia S**, McCrea M, McAllister T, Pasquina P, Schmidt J, Multiple Variable Prediction (CARE-MVP) Norms for Computerized Neurocognitive Software Vital Signs (CNS-VS): A CARE Consortium Study, *Journal of Athletic Training* (in review).

Garcia GGP, Lavieri MS, McAllister TW, McCrea MA, **Broglia SP**, CARE Consortium Investigators, Estimating the value of incorporating patient behavior in return-to-play from concussion: A behavior-learning POMDP approach, *Operations Research* (in review).

Cunningham JC, Wilson F, **Broglia SP**, McCabe E, Prevalence and predictors of mental health issues among retired professional rugby union players: A case-control study, *Sports Medicine* (in review).

Cunningham J, O'Grady M, **Broglia SP**, Wilson F, Self-reported cognitive difficulties are not supported by objective measures in retired contact sport athletes: A systematic review, *Sports Medicine* (in review).

Register-Mihalik J, Leeds D, Kroshus E, Kerr ZY, Knight K, D'Lauro C, Lynall, RC, Ahmed T, Hagiwara Y, **Broglia SP**, McCrea MA, McAllister T, Schmidt JD, CARE Consortium Investigators, Optimizing concussion care seeking: Identification of institutional and individual factors predicting previous concussion diagnosis status, *Medicine and Science in Sport and Exercise* (in press).

Lynall RC, D'Lauro C, Kerr ZY, Knight K, Kroshus E, Leeds DD, Register Mihalik JK, McCrea M, **Broglia SP**, McAllister T, Schmidt JD, CARE Consortium Investigators, Optimizing concussion care seeking: The influence of previous concussion diagnosis status on baseline assessment outcomes, *American Journal of Sports Medicine* (in press).

Moody JN, Hayes JP, Buckley TA, Schmidt JD, **Broglia SP**, McAllister TW, McCrea M, Pasquina PF, Caccese JB, Age of first concussion and cognitive, psychological, and physical outcomes, *Sports Medicine* (in press).

Vorn R, Mithani S, Devoto C, Meier T, Lai C, Yun S, **Broglia S**, McAllister T, Giza C, Kim HS, Huber D, Harezlak J, Cameron KL, McGinty G, Jackson J, Guskiewicz K, Mihalik JP, Brooks A, Duma S, Rowson S, Nelson L, Pasquina P, McCrea M, Gill JM, Proteomic profiling of plasma biomarker associated with return to sport following concussion: Findings from the NCAA and Department of Defense CARE Consortium, *Frontiers in Neurology* (in press).

D'Lauro C, Jones ER, Swope L, Anderson M, **Broglia SP**, Schmidt J, Under-representation of female athletes in research informing influential concussion consensus and position statements: an evidence review and synthesis, *British Journal of Sports Medicine* (in press).

Broglia SP, Perkins SM, Riggen L, Stemper BD, Shah A, McAllister TW, McCrea M, CARE Consortium Investigators, Spring football concussion rates mimic the preseason: Findings from the CARE Consortium, *Journal of Athletic Training* (in press).

Mustafi SM, Yang HC, Harezlak J, Meier TB, Brett BL, Giza CC, Goldman J, Guskiewicz KM, Mihalik JP, LaConte SM, Duma SM, **Broglia SP**, McCrea MA, McAllister TW, Wu YC, Effects of white-matter tract length in sports-related concussion: A tractography study from the NCAA-DoD CARE Consortium, *Journal of Neurotrauma* (in press).

Eagle SR, Asken B, Trbovich A, Houck ZM, Bauer RM, Clugston JR, **Broglia SP**, McAllister TW, McCrea MA, Pasquina P, Collins MW, Kontos AP, CARE Consortium Investigators, Estimated duration of continued sport participation following concussions and its association with recovery outcomes in collegiate athletes: Findings from the NCAA-DoD CARE Consortium, *Sports Medicine* (in press).

Le R, Ortega J, Chrisman S, Kontos AP, Buckley TA, Kaminski T, Meyer B, Clugston JR, Goldman J, McAllister TW, McCrea M, **Broglia SP**, Schmidt J, King-Devick sensitivity and specificity to concussion in collegiate athletes, *Journal of Athletic Training* (in press).

Kaminski TW, Chrisman SPD, Glutting J, Wahlquist V, Eagle S, Putukian M, Tierney R, Kontos AP, **Broglia SP**, McAllister, TW, McCrea MA, Pasquina PF, CARE Site Investigators, Mechanisms of injury for concussions in collegiate soccer: An NCAA/DoD CARE Consortium Study, *Science and Medicine in Football* (in press).

Caccese JB, Schmidt JD, Moody JN, **Broglia SP**, McAllister TW, McCrea M, Pasquina PF, Buckley TA, CARE Consortium Investigators, Association between sports participation history and age of first exposure to high-risk sports with concussion history, *Research in Sports Medicine* (in press).

Callahan CE, Moore RD, Crew A, Vesia M, Register-Mihalik JK, **Broglia SP**, Assessing the relationship between post-concussion depression-related symptoms and clinical outcomes, *Translational Journal of the American College of Sports Medicine* (in press).

Chou TY, Caccese JB, Glutting JJ, Buckley TA, **Broglia SP**, McAllister TW, McCrea MA, Pasquina PF, Kaminski TW, Effects of pre-collegiate sport specialization on baseline concussion assessments: findings from the NCAA-DoD CARE Consortium, *International Journal of Environmental Research and Public Health*, 19(4): 2335, 2022.

Swartz EE, Register-Mihalik JK, **Broglia SP**, Mihalik JP, Myers JL, Guskiewicz KM, Bailes JE, Hoge M, National Athletic Trainers' Association position statement: Reducing head-first contact in football, *Journal of Athletic Training*, 57(2):113-124, 2022.

Stemper B, Shah A, Harezlak J, Rowson S, Mihalik J, Riggan L, Duma S, Pasquina P, **Broglia S**, McAllister T, McCrea M, Association between preseason/regular season head impact exposure and concussion incidence in NCAA football, *Medicine and Science in Sport and Exercise*, 54(6):912-922, 2022.

Ferris LM, Kontos AP, Eagle SR, Elbin RJ, Clugston JR, **Broglia SP**, McCrea M, McAllister T, Pasquina PF, Port NL, Utility of VOMS, SCAT, and IMPACT baseline evaluations for acute concussion identification in collegiate athletes: Findings from the NCAA-DoD CARE Consortium, *American Journal of Sports Medicine* 50(4):1106-1119, 2022.

Eagle SR, Trbovich A, Mucha A, Sinnott A, Marchetti G, Port N, Ferris LM, Clugston J, Ortega J, Collins MW, **Broglio SP**, McAllister T, McCrea MA, Pasquina P, Kontos AP, Minimum detectable change and false positive rates of the Vestibular/Ocular Motor Screening (VOMS) tool: An NCAA-DoD CARE Consortium analysis, *Brain Injury*, 35(12-13):1563-1568, 2022.

Eagle S, Ferris L, Mucha A, Sinnott A, Marchetti G, Trbovich AM, Port N, Clugston JR, Ortega J, Collins M, **Broglio S**, McAllister TW, McCrea M, Pasquina P, Kontos AP, Minimum Detectable Change and False Positive Rates of the Vestibular/Ocular Motor Screening (VOMS) Tool: An NCAA-DoD CARE Consortium Analysis, *Brain Injury*, 35(12-13):1563-1568, 2021.

Garcia GGP, Schumb CM, Lavieri MS, Koffijberg H, McAllister TW, McCrea MA, **Broglio SP**, CARE Consortium Investigators, Developing insights for possible and probable acute concussions using cluster analysis: A CARE Consortium Investigation, *Journal of Neurotrauma*, 39(1-2):102-113, 2022.

Aderman M, Brett B, Malvasi S, McGinty G, Jackson J, Svoboda S, McCrea M, **Broglio S**, McAllister T, Pasquina P, Cameron K, Houston M, Association between symptom burden at initiation of a graduated return to activity protocol and time to return to unrestricted activity after concussion in service academy cadets, *American Journal of Sports Medicine*, 50(3):823-833, 2022.

Broglio SP, McAllister T, Katz B, LaPradd M, Zhou W, McCrea M, The natural history of sport-related concussion in collegiate athletes: Findings from the NCAA-DoD CARE Consortium, *Sports Medicine*, 52(2):403-415, 2022.

Memmini A, Van Pelt K, Wicklund A, Breedlove K, **Broglio SP**, Evaluating adult decision-making modifiers in support of youth contact sports participation, *Journal of Athletic Training*, 57(1):44-50, 2022.

Caccese JB, Eckner JT, Franco-MacKendrick L, Hazzard JB, Ni M, **Broglio SP**, McAllister TW, McCrea MA, Pasquina PF, Buckley TA, Interpreting clinical reaction time change and recovery after concussion: a baseline versus normative-based cutoff score comparison, *Journal of Athletic Training*, 56(8):851-859, 2022.

Lempke LB, Lynall RC, Anderson MN, McCrea MA, McAllister TW, **Broglio SP**, Schmidt JD, CARE Consortium Investigators, Optimizing order of administration for concussion baseline assessment among NCAA student-athletes and military cadets, *Sports Medicine*, 52(1):165-176, 2022.

Master CL, Katz B, Arbogast K, McCrea M, McAllister T, Pasquina P, LaPradd M, Zhou W, **Broglio SP**, CARE Consortium Investigators, Differences in sport-related concussion for females and males in comparable collegiate sports: A study from the NCAA-DoD Concussion Assessment, Research and Education (CARE) Consortium, *British Journal of Sports Medicine*, 5(24):1387-1394, 2021.

Giza CC, McCrea M, Huber D, Cameron K, Houston MN, Jackson JC, McGinty G, Pasquina P, **Broglio SP**, Brooks A, DiFiori J, Duma S, Harezlak J, Goldman J, Guskiewicz K, McAllister TW, McArthur D, Meier TB, Mihalik JP, Nelson LD, Rowson S, Gill J, CARE Consortium Investigators, Assessment of Blood Biomarker Profile After Acute Concussion During Combative Training Among US Military Cadets: A Prospective Study From the NCAA and US Department of Defense CARE Consortium, *JAMA Network Open*, 4(2):e2037731, 2021.

Castellanos J, Perng Phoo C, Eckner JT, Franco L, **Broglio SP**, McCrea M, McAllister T, Wiens J, CARE Consortium Investigators, Concussion risk prediction in collegiate athletes and military cadets: A machine learning approach using baseline data from the CARE Consortium study, *Sports Medicine*, 51(3):567-579, 2021.

Van Pelt KL, Caccese JB, Eckner JT, Putukian M, Brooks MA, Cameron KL, Houston MN, Posner MA, Jackson JC, McGinty GT, Hillis CJ, McAllister TW, McCrea MA, **Broglio SP**, Buckley TA, Detailed description of Division I Ice Hockey Concussions: Findings from the NCAA and Department of Defense CARE Consortium, *Journal of Sport and Health Science*, 10(2):162-171, 2021.

Van Pelt KL, Puetz T, Swallow J, Lapointe AP, **Broglio SP**, A Systematic-Review and Meta-Analysis of Concussion Rates: A Data-Driven Concussion Risk Classification, *Sports Medicine*, 51(6):1227-1244, 2021.

McCrea MA, Shah A, Duma S, Rowson S, Harezlak J, McAllister TW, **Broglio SP**, Giza CC, Goldman J, Cameron KL, Houston MN, McGinty G, Jackson JC, Guskiewicz K, Mihalik JP, Brooks MA, Pasquina P, Stemper BD, Opportunities for Prevention of Concussion and Repetitive Head Impact Exposure in College Football Players: A Concussion Assessment, Research, and Education (CARE) Consortium Study, *JAMA Neurology*, 78(3):346-350, 2021.

Caccese JB, Iverson GL, Hunzinger KJ, Clugston JR, Cameron KL, Houston MN, Svoboda SJ, Jackson JC, McGinty GT, Estevez CA, Susmarski AJ, Enrique A, Bryk KN, **Broglio SP**, McAllister TW, McCrea M, Pasquina PF, Buckley TA, CARE Consortium Investigators, Factors associated with symptom reporting in U.S. Service Academy cadets and NCAA student athletes without concussion: Findings from the CARE Consortium, *Sports Medicine*, 51(5):1087-1105, 2021.

Kontos AP, Eagle SR, Marchetti G, Sinnott A, Mucha A, Port N, Ferris LM, Elbin RJ, Clugston J Ortega J **Broglio SP**, McAllister T, McCrea M, Pasquina P, Collins MW, CARE Consortium Investigators, Discriminative validity of VOMS in identifying concussed from healthy collegiate athlete controls: An NCAA-DoD CARE Consortium study, *American Journal of Sports Medicine*, 49(8); 2211-2217, 2021.

Liebel SW, Edwards KAM, **Broglio SP**, Sensation-seeking and impulsivity in athletes with sport-related concussion, *Current Psychiatry Reports*, 23(4):15, 2021.

Cunningham J, **Broglio SP**, Wyse J, Farrell G, Denvir K, Wilson F, Athlete concussion history recall is underestimated: A validation study of self-reported concussion history among current professional rugby union players, *Brain Injury*, 35(1):65-71, 2021.

Harrison AT, McAllister T, McCrea M, **Broglio SP**, Moore RD, CARE Consortium Investigators Recovery profiles following concussion among male athletes with a family history of neurodegenerative disease: Data from the NCAA-DOD CARE Consortium, *Journal of Neurotrauma*, 38(4):485-492, 2021

Czerniak LL, Liebel SW, Garcia GGP, Lavieri MS, McCrea MA, McAllister T, **Broglio SP**, Sensitivity and specificity of computer-based neurocognitive assessments in sport-related concussion: Findings from the NCAA-DoD CARE Consortium, *Sports Medicine*, 51(2):351-365, 2021.

Memmini AK, La Fountaine MF, **Broglia SP**, Moore RD, Long-term influence of concussion on cardio-autonomic function in adolescent hockey players, *Journal of Athletic Training*, 56(2):141–147, 2021.

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Guskiewicz KM, Marshall SW, **Broglia SP**, Cantu RC, Kirkendall DT, No evidence of impaired neurocognitive performance in collegiate soccer players. *American College of Sports Medicine Annual Meeting*, Baltimore, MD. *Medicine and Science in Sport and Exercise*, 33(5):S1047, 2001.

Books

Whiting WC, Zernicke RF, **Broglia SP**, Biomechanics of Musculoskeletal Injury (3rd ed), Human Kinetics, (in preparation)

Book Chapters

Memmini AK, Balendran V, Pachman SE, **Broglia SP**, Management of Collegiate Sport-Related Concussions. In: Slobounov S.M., Sebastianelli W.J. (eds) Concussions in Athletics, Springer (2021).

Broglia SP, Meehan S, Carender W, Dizziness, imbalance, and vestibular dysfunction, in Textbook of Traumatic Brain Injury, 3rd edition, Silver JM, McAllister TW, and Arciniegas DB (Eds), American Psychiatric Publishing, Inc, New York (2019).

Broglia SP, Return to play, in Sports Neurology: Handbook of Clinical Neurology, 3rd edition, Hainline B and Stern RA (Eds), Elsevier, 158, 193-198 (2018).

Guskiewicz KM, **Broglia SP**, Acute sports-related traumatic brain injury and repetitive concussion, *Handbook of Clinical Neurology*, 127:157-172 (2015).

Broglia SP, Does recovery following concussion actually follow a typical time course and does this really correspond to resolution of self-reported symptoms?, in Quick Consult in Sports Medicine – Concussion, Valovich-McLeod T (Ed), SLACK, Inc (2015).

Broglia SP, Martini DN, Does recovery on clinical tests (eg neurocognitive tests, balance assessments, and symptom reports) represent true recovery of the brain?, in Quick Consult in Sports Medicine – Concussion, Valovich-McLeod T (Ed), SLACK, Inc (2015).

Broglia SP, Martini DN, What are the long-term concerns with concussion?, in Quick Consult in Sports Medicine – Concussion, Valovich-McLeod T (Ed), SLACK, Inc (2015).

Broglia SP, Martini DN, Do sub-concussive blows place athletes at just as much risk for future negative sequelae as athletes with diagnosed concussions?, in Quick Consult in Sports Medicine – Concussion, Valovich-McLeod T (Ed), SLACK, Inc (2015).

Broglia SP, Acute Evaluation and Management of Sport Concussion, in The Oxford Handbook of Sport-related Concussion, Echemendia R, Iverson GL (Eds), Oxford University Press, New York (2014).

Broglia SP, Guskiewicz KM, Management of collegiate sport-related concussions, in Concussions in Athletics: From Brain to Behavior, Slobounov SM, Sebastianelli W (Eds), Springer, Livingston, MT (2014).

Maccicchi SN, **Broglia SP**, Symptom validity assessment and sports concussion, in MTBI, symptom validity assessment and malingering, Bush S and Carone D (Eds), Springer Publishing, New York (2012).

Broglia SP, Ju YY, Broglia MD, Sell TC, The efficacy of soccer headgear. 2004 Year Book of Sports Medicine, American College of Sports Medicine (2004).

Invited Lectures and Symposium Presentations

The CARE Consortium: Findings and future directions, *BIG10 / Ivy League TBI summit*, Philadelphia, PA (July 2022).

The CARE Consortium: Overview and findings, *Hawaii Sports Medicine Summit*, virtual (June 2022).

Longitudinal analysis of recovery trajectories after concussion, *Fifth Annual NCAA-US Department of Defense Grand Alliance Concussion Conference*, virtual (April, 2022).

A study of the acute natural history of concussion: Findings from the CARE Consortium, *University of Waterloo Neuroscience Graduate Seminar Series*, virtual (March 2022).

How the CARE Consortium is shaping concussion policy, *University of Calgary Concussion Seminar*, virtual (February 2022).

Rethinking concussion clinical care: Findings from the CARE Consortium, *Grand Rounds for the University of Washington Department of Rehabilitation Medicine*, virtual (October 2021).

Mind the Gap! Updating Recommendations To Keep Members Informed, *National Athletic Trainers' Association Annual Meeting and Clinical Symposium*, virtual (June 2021).

Clinical and advanced research findings from the CARE Consortium, *New York University Neurology Grand Rounds*, virtual (May 2021)

Sensitivity and Specialty of Computer-Based Neurocognitive Tests in Sport-Related Concussion Findings from the NCAA-DoD CARE Consortium, *4th Annual NCAA-U.S. Department of Defense Grand Alliance Concussion Conference: A New Era of Scientific Collaboration*, virtual (April 2021).

The role of CARE in concussion management, *New York University 8th Annual Concussion Across the Spectrum of Injury: The Latest in Diagnosis and Management-A Focus on Telehealth*, virtual (February 2021).

NCAA-DoD CARE Consortium Clinical Study Core Update, *National Collegiate Athletic Association Concussion Safety Advisory Group*, virtual (January 2021).

An update from the CARE Consortium, *Montana Athletic Trainers Association*, virtual (December 2020).

CARE Consortium: A multi-site concussion investigation, *University of Michigan Department of Physical Medicine and Rehabilitation*, virtual (October 2020).

A CARE Consortium Update, *National Collegiate Athletic Association Concussion Safety Advisory Group*, Indianapolis, IN (February 2020).

Concussion in football: Data from the CARE Consortium, *National Collegiate Athletic Association Football Concussion Data Task Force*, Indianapolis, IN (February 2020).

CARE Consortium: Updates and what's on the horizon, *New York University Seventh Annual Concussion Across the Spectrum of Injury: Latest in Diagnosis and Management*, New York, NY (February 2020).

Concussion science and best practices, *National Catholic Risk Retention Group Winter Meeting*, Tampa, FL (January 2020).

Value of concussion assessments in clinical care, *Oregon Health and Science University Traumatic Brain Injury Symposium*, Portland, OR (December 2019 - Keynote).

Setting up a research network: Lessons and findings from the CARE Consortium, *Oregon Health and Science University Traumatic Brain Injury Symposium*, Portland, OR (December 2019 - Keynote).

Background and findings of the CARE Consortium, *McMaster University*, Hamilton, ON (November 2019).

The CARE Consortium: Findings from a multi-site concussion study, *Mid-Atlantic Regional Chapter – ACSM*, Harrisburg, PA (November 2019).

The NCAA-DoD CARE Consortium - Clinical Study Core, *National Collegiate Athletic Association Concussion Safety Advisory Group*, Indianapolis, IN (July 2019)

Concussion: From Research to Clinical Practice - The CARE Consortium, *2019 Ohio State Brain Health and Performance Summit*, Columbus, OH (June 2019).

Emerging information from the NCAA-DoD Concussion Assessment, Research and Education Consortium - Longitudinal Clinical Study Core, *Third Annual NCAA-US Department of Defense Grand Alliance Concussion Conference*, Madison, WI (April 2019).

What can you learn about concussion from 45,000 participants? Findings from the CARE Consortium, *Boston University Grand Rounds*, Boston, MA (April 2019).

Are concussions the downfall of football, *University of Michigan Saturday Morning Physics*, Ann Arbor, MI (February, 2019).

Concussion in football, *National Collegiate Athletic Association Football Data Task Force*, Indianapolis, IN (February 2019).

CARE 1.0 Outcomes and Overview of CARE 2.0, *Eastern Athletic Trainer's Association's Concussion Summit*, King of Prussia, Pennsylvania (January, 2019).

The persistent effects of concussion: What science tells us that fake news won't, *Marjorie A. King Research to Reality Presentation, Eastern Athletic Trainer's Association's Concussion Summit*, King of Prussia, Pennsylvania (January, 2019).

Findings from the CARE Consortium: A nationwide prospective investigation of sport concussion, *University of Michigan Health & Fitness Workshop*, Ann Arbor, MI (December 2018).

The Business of Science: Securing Extramural Funding, *National Athletic Trainers' Association Annual Meeting and Clinical Symposium*, New Orleans, LA (June 2018).

Advances in Sport Concussion Research: Findings from the NCAA-DoD CARE Consortium, *American College of Sports Medicine 65th Annual Meeting*, Minneapolis, MN (May 2018).

Head impact exposure in football: Can we predict concussion? *Sport Neuropsychological Society*, Washington, DC (May 2018).

Emerging information from the NCAA-DoD Concussion Assessment, Research, and Education Consortium - Longitudinal Clinical Study Core, *Second Annual NCAA-DoD Grand Alliance Concussion Conference*, West Point, NY (April 2018).

Concussion Research, *Penn State Sports Analytics Conference*, State College, PA (April 2018).

Injury and concussion rates: Pre-season, *National Collegiate Athletic Association Football Data Task Force*, Indianapolis, IN (February 2018).

Injury and concussion rates: In-season and post-season, *National Collegiate Athletic Association Football Data Task Force*, Indianapolis, IN (February 2018).

Clinical concussion recovery: The CARE Consortium clinical study core, *Royal College of Surgeons in Ireland*, Dublin, Ireland (November 2017)

Concussion in sport - what's the current state of play? What 40,000 athletes have taught us, *Science Gallery*, Dublin, Ireland (November 2017).

CARE Consortium concussion injury and return to play profiles, *University of South Carolina*, Columbia, SC (October 2017)

Persistent effects of sport concussion on motor control, part of: The long-term outcomes of sport-related brain injuries: Insights from psychophysiological research, *Society for Psychophysiological Research*, Vienna, Austria (October 2017)

Early finding from the NCAA-DoD Concussion Assessment, Research, and Education (CARE) Consortium, *New York University Concussion Center Grand Rounds*, New York, NY (September 2017).

The relationship between concussion and cognitive health, *University of Calgary*, Calgary, Canada (August 2017).

Findings from the CARE Consortium Clinical Study Core, *Big Ten-Ivy League Traumatic Brain Injury Research Collaboration*, Chicago, IL (July 2017).

Clinical Updates from the CARE Consortium, *American Academy of Neurology Sport Concussion Conference*, Jacksonville, FL (July 2017).

Long-term and cumulative effects of concussion: Where's the evidence?, *National Athletic Trainers' Association Annual Meeting and Clinical Symposium*, Houston, TX (June 2017).

Concussion Recovery: The natural history and modifiers, *National Athletic Trainers' Association Annual Meeting and Clinical Symposium*, Houston, TX (June 2017).

Concussion research: Emerging evidence from the laboratory, *On common ground: A team approach to sports medicine*, Ann Arbor, MI (June 2017)

Sideline concussion assessment, *Major League Soccer and USA Soccer - Head Injury and Concussion In Soccer; From Science to the Field*, New York, NY (May 2017)

Concussions, CTE, and the Law, *Collegiate Athletic Trainers' Society*, Las Vegas, NV (May 2017).

Does concussion change the brain, *Trinity College Dublin*, Dublin, Ireland (May 2017)

Emerging Concepts in Sport-Related Concussion: Overview and Data From the Concussion Assessment, Research, and Education (CARE) Consortium, *International Brain Injury Association's 12th World Congress on Brain Injury*, New Orleans, LA (March 2017)

The NCAA-DoD Concussion Assessment, Research and Education (CARE) Consortium: Longitudinal Clinical Study Core, *Sport-Related Concussion: A New Era of Scientific Collaboration*, Los Angeles, CA (January 2017)

Sport concussion: A brief overview, *Kalamazoo Rotary Club*, Kalamazoo, MI (December 2016).

Is the sky falling? The long term effects of concussion, *National Academy of Kinesiology*, Albuquerque, NM (October 2016).

Does concussion alter long term cognitive health? *University of California Neurotrauma Symposium*; Santa Rosa, CA (September 2016)

Should contact sports be banned: The long term risks of concussion, *Michigan Athletic Trainers' Society Clinical Symposium*, Ypsilanti, MI (June 2016).

Life after concussion, *University of Virginia 2016 Art and Science of Medicine meeting*, Charlottesville, VA (June 2016).

Repeated head impact exposure in high school football, *National Athletic Trainers' Association Annual Meeting and Clinical Symposium*, part of: The "Impact" of Head Impacts in Sport; Baltimore, MD (June 2016).

Concussion research: What are the risks of contact sports?, *Return on Investment: A Sports Medicine Approach*, Ann Arbor, MI (May 2016)

Concussion, *Gull Lake Area Rotary Club*, Kalamazoo, MI (April 2016).

When the cheering stops: The after effects of concussion, *6th Annual First Coast Sports Injury Symposium & Concussion Update*; Jacksonville, FL (April 2016).

Impact mechanics in football athletes, *6th Annual First Coast Sports Injury Symposium & Concussion Update*; Jacksonville, FL (April 2016).

Is rest best? Concussion recovery, *6th Annual First Coast Sports Injury Symposium & Concussion Update*; Jacksonville, FL (April 2016).

Just the facts mam: Sport concussion, *National Association of Social Workers - Spring Continuing Education Conference for Social Workers*; Charleston, WV (April 2016).

The soup to nuts of concussion, *National Association of Social Workers - Spring Continuing Education Conference for Social Workers*; Charleston, WV (April 2016).

Life after concussion in college sports, *South by Southwest Conferences and Festivals*; Austin, TX (March 2016).

The CARE data: What is the natural history of concussion, *International Brain Injury Association World Congress on Brain Injury*; The Hague, Netherlands (March 2016).

Does concussion have an enduring effect? *American Clinical Neurophysiology Society Annual Meeting and Courses*; Orlando, FL (February 2016).

Concussion diagnosis and management update: New data from the CARE Consortium Clinical Study Core, *NCAA Safety in College Football Summit*; Orlando, FL (February 2016).

Lasting effects of concussion, *Big Sky Athletic Training and Sports Medicine Conference*; Big Sky, MT (February 2016).

Prevention efforts and reducing the risk of concussion: Are we making progress? *Concussions in the Young Athlete VuMedi webinar* (January 2016).

Treatment options for sports-related concussion, *Arizona State University Center for Law: Safeguarding Brains: The Law, Science & Ethics of the Concussive Injury Epidemic*; Tempe, AZ (November 2015).

The NCAA Perspective on the Relationship between Head Trauma and CTE. *2015 International State-of-the-Science meeting on "Does Repeated Blast-Related Trauma Contribute to the Development of Chronic Traumatic Encephalopathy (CTE)?"*; McLean, VA (November 2015).

What is the long term risk of concussion? Fact v Fiction, *The University of Delaware Distinguished Scholars Lecture Series*; Newark, DE (November 2015).

NCAA-DoD CARE Consortium - A longitudinal investigation, *2015 International Professional Sports Concussion Research Think Tank*; London, England (October 2015).

The National Collegiate Athletic Association and Department of Defense Grand Alliance: The Concussion Assessment, Research, and Education (CARE) Consortium, *International Initiative for Traumatic Brain Injury Research (InTBIR) Meeting*; Brussels, Belgium (October 2015).

The NeuroTrauma Research Laboratory: An Overview, *University of Michigan Exercise and Sport Science Institute Symposium*; Ann Arbor, MI (September 2015).

Do concussions have a lasting effect?: What the data tell us, *Michigan State University's Department of Neurology and Ophthalmology Grand Rounds*; Lansing, MI (September 2015).

Prospective cohort research in sports mTBI, *American Academy of Neurology Sport Concussion Conference*; Denver, CO (July 2015).

The science and media of sport concussion, *Academy for Sports Dentistry*; Chicago, IL (June 2015).

Persistent effects of concussion: How concussive injury during the teen years impacts cognitive and motor performance, *National Summit on Sports Concussion: Sports and Concussion Outcomes*; Los Angeles, CA (June 2015).

Sport concussion update, *University of Michigan All Eyes on Concussion*; Ann Arbor, MI (May 2015).

Concussion: Does the Science Support the Headlines, *National Association of Social Workers - Spring Continuing Education Conference for Social Workers*; Charleston, WV (April 2015).

Sport Concussion: The forces and vectors of injury, *Dell Children's Medical Center of Texas, Healthy Brain Foundation Annual Concussion Conference*; Austin, TX (April 2015).

Ways to reduce concussion in sports based on biomechanics, *Dell Children's Medical Center of Texas, Healthy Brain Foundation Annual Concussion Conference*; Austin, TX (April 2015).

Sports and Brain Injuries, *University of Michigan Museum of Natural History Science Café*; Ann Arbor, MI (March 2015).

The concussion problem: The NCAA's perspective, *International State-of-the-Science Meeting on the Biomedical Basis for Mild Traumatic Brain Injury (mTBI) Environmental Sensor Threshold Values*; McLean, VA (November 2014).

My Way, *University of Michigan Injury Center Research Symposium*; Ann Arbor, MI (September 2014).

Balance and concussion, *University of Nebraska Concussion Think Tank*; Lincoln, NE (September 2014).

Concussion revisited, *2014 Medicine of Cycling Conference*; Colorado Springs, CO (August 2014).

Concussion - The science behind the headlines, *Rocky Mountain University of Health Professions*; webinar (August 2014).

The fight for evidence-based sports concussion management, *University of Michigan Department of Neurology Grand Rounds*; Ann Arbor, MI (August 2014).

NCAA-DoD: Grand Alliance – Concussion assessment, research and education consortium, *Big Ten/CIC-Ivy League Traumatic Brain Injury Research Collaboration Summit*; Philadelphia, PA (July 2014).

Post-Concussive Syndrome, *American Academy of Neurology, The Sports Concussion Conference*; Chicago, IL (July 2014).

Concussion research findings: What we know about concussion's lasting effects, *University of Michigan Sport Concussion and Emergency Management Symposium*; Ann Arbor, MI (May 2014).

Sport Concussion: Biomechanics to brainwaves, *University of Washington Injury Prevention Center*; Seattle, WA (May 2014).

NATA Position Statement: Management of sport concussion, *Youth Sport Safety Summit*; Washington DC (March 2014).

The role of balance in the concussion assessment paradigm, *Medical Professional eSeminar Series*; webinar (February 2014).

Rest, Recovery & Exercise Post Concussion, *Big Sky Athletic Training and Sports Medicine Conference*; Big Sky, MT (February 2014).

Everything I've learned about concussions, *University of Michigan 20th Annual Physical Education Workshop*; Ann Arbor, MI (December 2013 - Keynote).

Concussive and sub-concussive impacts: Implications for chronic outcomes, *University of Missouri - Kansas City*; Kansas City, MS (November 2013).

Balance assessment: From the athletic field to the battlefield, *National Intrepid Center of Excellence (NICoE)*; Bethesda, MD (October 2013).

Hard knocks: What you need to know about concussions, *Michigan Intramural - Recreational Sports Association*; Ann Arbor, MI (October 2013).

Concussion and minimal brain injury, *American Academy of Family Physicians Scientific Assembly*; San Diego, CA (September 2013).

Head impact biomechanics, *University of California at Los Angeles Sports Medicine Grand Rounds*; Los Angeles, CA (September 2013).

The kinetics and kinematics of head impacts, *University of California Neurotrauma Symposium*; Santa Barbara, CA (September 2013).

My rider has a concussion...now what?, *2013 Medicine of Cycling Conference*; Colorado Springs, CO (September 2013).

Roadside concussion assessment, *Interbike Trade Show*; Las Vegas, NV (September 2013).

Sport concussion: From bench to bedside, *National Athletic Trainers' Association Continuing Education Webinar*; webinar (September 2013).

The reliability of computerized concussion assessment tools, *Department of Defense Neurocognitive Assessment Tool Workshop*; webinar (August, 2013).

Management of sport concussion, *National Athletic Trainers' Association Annual Meeting and Clinical Symposium*; Las Vegas, NV (June 2013).

Strategies for rehabilitation and consideration for rest, *National Athletic Trainers' Association Annual Meeting and Clinical Symposium*, part of: Sport-related concussion: What more do we know today and where are we making progress?; Las Vegas, NV (June 2013).

Sport concussion in collegiate athletics, *Bowling Green State University Department of Athletics*; Bowling Green, OH (June 2013).

Football impact dynamics: Measuring hits to the head: *Brain Trauma Foundation*; webinar (June 2013).

Concussion identification and evaluation, *USA Cycling: Race Officials' Training*; webinar (May 2013).

Concussion and its chronic effects on cognitive function, *Virginia Polytechnic Institute School of Biomedical Engineering and Sciences*; Blacksburg, VA (May 2013).

Concussion biomechanics, *University of Michigan, Department of Physical Medicine and Rehabilitation Thirtieth Annual James W. Rae Scientific Day*; Ann Arbor, MI (May 2013).

Impact biomechanics: Do big and little hits have the same result?, *University of Pittsburgh Department of Orthopedic Surgery Grand Rounds*; Pittsburgh, PA (April 2013).

Concussion identification and evaluation, *USA Cycling: Race Director's Summit*; Colorado Springs, CO (April 2013).

Concussion biomechanics and their role in long term disease, *Chi Epsilon Civil Engineering Honors Society*; Ann Arbor, MI (March 2013).

Concussion management: Updating the National Athletic Trainers' Association Position Statement, *Matthew Gfeller Sport-Related Neurotrauma Symposium*; Chapel Hill, NC (March 2013).

Sport concussion: Making sense out of scrambled eggs, *University of Toledo Sports Medicine Lecture Series*; Toledo, OH (February 2013).

A concussion discussion: Questions and (some) answers, *University of Oregon Department of Human Physiology*; Eugene, OR (February 2013).

A multifaceted approach to concussion assessment, *Big Sky Athletic Training and Sports Medicine Conference*; Big Sky, MT (February 2013).

Head impacts and chronic outcomes, *University of Michigan Depression Center Colloquium Series*; Ann Arbor, MI (January 2013).

Concussion assessment tools: Evidence for use, *Medicine of Cycling Conference*; Colorado Springs, CO (August 2012).

Concussion, *University of Michigan MedSport Outreach Clinic*; Ann Arbor, MI (July 2012).

Concussion and minimal brain injury, *Pennsylvania Academy of Family Physicians*; Annapolis, MD (July 2012).

Use of the Head Impact Telemetry System to understand concussion mechanics, *National Athletic Trainers' Association Annual Meeting and Clinical Symposium*; St. Louis, MS (June 2012).

Biomechanical aspects of concussion, Part of: *Concussions: Practical Management Strategies for Athletic Trainers*; Ann Arbor, MI (May 2012).

Everything you wanted to know about concussions in under 60 minutes, *Rocky Mountain University of Health Professions*; webinar (May 2012).

Sport concussion biomechanics, *American Medical Society for Sports Medicine*; Atlanta, GA (April 2012).

Managing risks of university athletic programs: Sport concussion, *Michigan Universities Self-Insurance Corporation*; Big Rapids, MI (April 2012).

The biomechanics of concussion, *University of Texas - Arlington Concussion Summit*; Arlington, TX (March 2012).

Concussion research in the interscholastic setting: Current issues, *University of Wisconsin - Madison Athletic Training Education Program Alumni and Friends Celebration*; Madison, WI (February 2012).

Head impact biomechanics: Concussion biomechanics, *Big Sky Athletic Training and Sports Medicine Conference*; Big Sky, MT (January 2012).

Sport Concussion: A biomechanical perspective, part of: Sports Related Head Injuries, *14th European Congress of Neurosurgery*; Rome, Italy (October 2011).

Assessing balance following concussion, *Athletic Trainers' Society of New Jersey 2nd Annual Sports Concussion Summit*; Plainsboro, NJ (July 2011).

Cognitive and motor functioning following sport related mild traumatic brain injury, *Carle Neuroscience Symposium*; Urbana, IL (April 2011).

Equipment and biomechanical considerations for concussion prevention, *International Olympic Committee World Conference on Prevention of Injury and Illness in Sport*, part of: Prevention of sport-related concussion and long-term effects of recurrent mTBI: Is research driving clinical practice?; Monaco, Monte Carlo (April 2011).

A closer look at sport concussion, *United States Youth Soccer Workshop 2011*; Louisville, KY (February 2011).

Concussion Management-Implications for Practice, *Illinois Athletic Trainers' Association Symposium*; Lisle, IL (November 2010 - keynote).

Brain trauma biomechanics: All hits are not created equal, *Southwest Athletic Trainers' Association*; Arlington, TX (July 2010).

Concussion in interscholastic football: Organizing field based research, *Carle Foundation Hospital*; Urbana, IL (November 2009).

The sideline evaluation: A systematic approach, *National Athletic Trainers' Association Annual Meeting and Clinical Symposium*, part of: Sport-related concussion - Navigating the Latest Research Findings and Clinical Recommendations; San Antonio, TX (June 2009).

The relationship between cognitive and postural control performance with self-report concussion symptoms, *National Athletic Trainers' Association Annual Meeting and Clinical Symposium*, part of: The concussion dilemma: Are we headed in the right direction?; San Antonio, TX (June 2009).

Concussion: Transient and persistent outcomes, *National Athletic Trainers' Association Annual Meeting and Clinical Symposium*; San Antonio, TX (June 2009).

The acute and persistent effects of sport concussion, *Catholic University of Rome: Institute of Biochemistry and Clinical Biochemistry*; Rome, Italy (May 2009).

The usefulness of neuropsychological testing in monitoring long term problems, *3rd International Conference on Concussion in Sport*; Zurich, Switzerland (October 2008).

Special Interest Group: Concussion in Sport, *National Athletic Trainers' Association Annual Meeting and Clinical Symposium*; St Louis, MS (June 2008).

Stability of common computerized tests for concussion assessment, *American College of Sports Medicine*, Featured Science Session: Neuropsychological Assessment of the Concussed Athlete: Only One Piece of the Concussion Puzzle; Indianapolis, IN (May 2008).

Helmet impacts during high school football: A biomechanical assessment, *Big Ten Sports Medicine Meeting*; Chicago, IL (May 2008).

Traumatic brain injury in sport: The Unity High School concussion project, *Illinois High School Association Sports Medicine Meeting*; Bloomington, IL (April 2008).

History of concussion is associated with suppressed neuroelectric activity in young adults, *4th International Meeting on mTBI in Sports*; St Moritz, Switzerland (March 2008).

Concussion assessments: Do they measure what we think?, *4th International Meeting on mTBI in Sports*; St Moritz, Switzerland (March 2008).

Sport Related Concussion: What we know about the acute and chronic effects, *University of Montreal: Centre de Recherche En Neuropsychologie Expérimentale et Cognition*; Montreal, Canada (February 2008).

Concussion in Sport: It's a hard knock life, *Brain and Cognition Seminar*; University of Illinois at Urbana-Champaign, IL (November 2007).

Concussion in sport, *Department of Kinesiology and Community Health Exercise Physiology and Athletic Training Seminar*; University of Illinois at Urbana-Champaign, IL (October 2006).

Bicycling Mechanics, *National Athletic Trainers' Association Annual Meeting and Clinical Symposium*; Atlanta, GA (June 2006).

Concussion testing: The UGAA sport medicine approach, *Georgia Sports Medicine Symposium*; Athens, GA (June 2005).

The concussion discussion: Pre-season testing protocols and post-injury treatment, *Sports Health College and University Sports Medicine Meetings*; Portland, OR (June, 2003).

The concussion discussion: Pre-season testing protocols and post-injury treatment, *Sports Health College and University Sports Medicine Meetings*; Austin, TX (May, 2003).

RESEARCH GRANTS AND CONTRACTS

Ongoing

Broglia SP (co-PI), McAllister TW, McCrea M, Pasquina P, Characterizing potential chronic brain health effects of concussion and repetitive head impact exposure: The CARE-SALTOS Integrated (CSI) Study, *Medical Technology Enterprise Consortium (MTEC)*, \$25,000,000, 2021-2026.

Broglia SP (co-PI), McAllister TW, McCrea M, Pasquina P, Characterizing potential chronic brain health effects of concussion and repetitive head impact exposure: The CARE-SALTOS Integrated (CSI) Study, *National Football League*, \$7,650,000, 2021-2026.

Broglia SP (co-PI), McAllister TW, McCrea M, Pasquina P, Characterizing potential chronic brain health effects of concussion and repetitive head impact exposure: The CARE-SALTOS Integrated (CSI) Study, *National Collegiate Athletic Association*, \$10,000,000, 2021-2026.

Broglia SP (PI), Michigan Concussion Center, *University of Michigan Biosciences Initiative*, \$5,163,408, 2018-2023.

Eckner JT, Ashton-Miller J, Peterson M, He X, **Broglia SP (Co-I)**, Jacobson J, How do the neck muscles influence head acceleration during sport associated impact events in high school athletes? *National Institutes of Health - National Institute of Child Health and Human Development (1R01HD093733-01A1)*, \$3,868,136, 2018-2023

Broglia SP (co-PI), Pasquina P, McAllister TW, McCrea M, Service Academy Long Term Outcomes Study (SALTOS), Uniformed Services University \$12,480,000, 2019-2022.

Broglia SP (co-PI), McAllister TW, McCrea M, Pasquina P, Cumulative and persistent intermediate effects of concussion and head impact exposure in CARE Consortium Military Service Academy members and NCAA Athletes, *USA Medical Research Acquisition Activity (W81XWH-18-2-0047)*, \$9,999,999, 2018-2022.

Broglia SP (co-PI), McAllister TW, McCrea M, Pasquina P, A prospective, longitudinal study of the intermediate and cumulative effects of concussion and repetitive head impact exposure in NCAA student-athletes and U.S. Military Service Academy members, *National Collegiate Athletic Association*, \$12,499,999, 2018-2022.

Completed

Broglia SP (co-PI), Islam M, Kovelman I, Rogers A, Concussion diagnosis: Beyond "How many fingers am I holding up?" *University of Michigan Exercise and Sport Science Initiative*, \$99,938, 2018-2020.

Cunningham R, Maust D, Martin J, Bohnert A, Bingham C, **Broglia SP (co-I)**, Buckley L, Walton M, Resnicow K, Cranford J, Caldwell C, Tzilos G, Flannagan C, Carter P, Goldstick J, Lin L, Dahlem G, Ehrlich P, Zimmerman M, Eisman A, Heinze J, Stoddard S, University of Michigan Injury Center, *Centers for Disease Control and Prevention (R49CE002009-05S1)*, \$818,045, 2017-2019

Broglia SP (co-PI), McAllister TW, McCrea M, The National Collegiate Athletic Association - Department of Defense Grand Alliance: Concussion Assessment, Research, and Education (CARE) Consortium, *USA Medical Research Acquisition Activity (option funding)*, \$4,999,999; 2016-2018.

Broglio SP (co-PI), McAllister TW, McCrea M, The National Collegiate Athletic Association - Department of Defense Grand Alliance: Concussion Assessment, Research, and Education (CARE) Consortium, *National Collegiate Athletic Association and USA Medical Research Acquisition Activity (W81XWH-14-2-0151: 14132004)*, \$22,635,999; 2014-2018.

Eckner JT, Ashton-Miller JA, Conley RS, **Broglio SP (co-I)**, Garton H, Development and validation of a “Gold Standard” *in vivo* head impact sensor, *University of Michigan Injury Center*, \$25,000 2015-2017.

Swartz EE, **Broglio SP (co-PI)**, Prevention of head impacts in football: The HuTT technique (Phase I), *National Football League/Under Armour/GE Head Health Challenge II: Innovative Approaches For Identifying And Preventing Brain Injury*, \$500,000; 2014-2017.

Joseph JR, **Broglio SP (Co-I)**, Park P, Evaluating neurocognitive impairment and serum biomarkers of mild traumatic brain injury in high-school football athletes with high acceleration head impact, *American Association of Neurological Surgeons Codman Resident NeuroTrauma Research Award*, \$40,000 2016-2017.

Broglio SP (PI), Kutcher JS, He X, The impact of concussive and sub-concussive blows on brain network activity, *The National Institutes of Health: National Institute of Neurological Disorders and Stroke (1R15NS081691-01)*, \$435,212; 2012-2017.

Broglio SP (PI), The impact of concussive and sub-concussive blows on brain network activity, *The National Institutes of Health: National Institute of Neurological Disorders and Stroke (3R15NS081691-01S1)*, \$74,310; 2014-2017.

Broglio SP (co-PI), Pradhan AK, Bingham R, Long-term effects of concussion on driving behaviors: A driving simulator evaluation, *University of Michigan Injury Center*, \$15,000 2015-2017.

Swartz EE, **Broglio SP (co-PI)** Prevention of head impacts in American football, *National Athletic Trainers’ Association - Research and Education Foundation*, \$47,686; 2014-2016.

Broglio SP (co-PI) Pradhan AK, Bingham R, Persistent effects of concussion on driving, *University of Michigan Office of Research*, \$9,300 2015-2016.

Broglio SP (co-PI), Eckner JT, Giza CC, Guskiewicz KM, Kutcher JS, McCrea M, National sport concussion outcomes study - Phase 1: The role of equipment and head impact exposure on neurological outcomes, *National Collegiate Athletic Association*, \$399,850; 2012-2016.

Broglio SP (co-PI), Meehan SK, The effect transcranial magnetic stimulation (TMS) on neural plasticity in young adults with a concussion history, *University of Michigan Injury Center*, \$24,958; 2013-2015.

Broglio SP (PI), Hillman CH, Sosnoff JJ, Concussion across the lifespan: Persistent effects on brain, neurocognitive functioning, and motor control, *National Athletic Trainers’ Association - Research and Education Foundation*, \$128,912; 2011-2014.

Broglio SP (PI), Spring/Summer Research Grants Program Application, *Rackham Graduate School, University of Michigan*, \$5045; 2014.

Broglia SP (PI), Spring/Summer Research Grants Program Application, *Rackham Graduate School, University of Michigan* (awarded 2013 - funding returned).

Kutcher JS, Eckner JT, **Broglia SP (Co-I)**, Stability and Effect of Concussion on Brain Network Activation Scores, contract with *ElMindA, Ltd*, \$677,521; 2011-2013.

Eckner JT, Kutcher JS, **Broglia SP (Co-I)**, Ashton-Miller JA, A Novel Assessment of Head Impact Biomechanics in Female Athletes, *Women's Sports, Health and Activity Research and Policy (SHARP) Center*, \$15,000; 2011-2012.

Broglia SP (PI), Imaging the concussed mind: A look at the long term effects of concussion, *Beckman Institute for Advanced Science and Technology*, \$8,000; 2011.

Broglia SP (PI), Graduate Assistant support for the Activities and Recreation Center (ARC) Wellness Center, contract with *Carle Foundation Hospital - Division of Sports Medicine*, \$62,683; 2010-2012.

Broglia SP (PI), Head Impact Telemetry Alert Beta Testing, contract with *Simbex LLC*, \$49,998; 2010.

Broglia SP (PI), McAuley E, Kramer A, Cohen NJ, Sutton B, He X, Concussion across the lifespan: A multi-disciplinary assessment of cognitive health, *University of Illinois Health and Wellness Initiative*, \$49,820; 2010-2011.

Broglia SP (PI), Hillman CH, McAuley E, Mild traumatic brain injury and cognitive health across the lifespan, *University of Illinois at Urbana-Champaign Research Board*, \$12,650; 2009-2012.

Broglia SP (PI), Vagnozzi R with Tavazzi B, Lazzarino G, Mild Traumatic Brain Injury: Revealing the 'Silent Epidemic,' *William and Flora Hewlett International Research Grants*, \$3000; 2009.

Ferrara MS, Cooper ER, Powell JW, Casa DJ, **Broglia SP (Co-I)**, Monitoring exertional heat illnesses in interscholastic Georgia football, *National Athletic Trainers' Association - Research and Education Foundation*, \$109,006; 2009 - 2011 .

Woods JA, **Broglia SP (Co-I)**, Kelley KW, Dantzer R, Effects of mild traumatic brain injury (mTBI) on neuroinflammation, cognition, and depression, *The Mary Jane Neer Research Fund for Research in Disability*, \$14,902; 2007 - 2008.

Broglia SP (PI), Ebersole KT, Rosengren KS, Reliability of postural control assessments, *Great Lakes Athletic Trainers' Association*, \$1200; 2007.

Ferrara MS, Cooper ER, **Broglia SP (Co-I)**, Powell JW, Casa DJ, Monitoring environmental conditions and injury rates of fall sports, *National Collegiate Athletic Association Committee on Competitive Safeguards and Medical Aspects of Sports*, \$23,144; 2007.

Broglia SP (PI), Hillman CH, Association between recurrent concussion and chronic changes in cognitive and neuroelectric indices, *University of Illinois at Urbana-Champaign Research Board*, \$9,175; 2007 - 2008.

Hillman CH, **Broglia SP (Co-I)**, Clinical and Neuroelectric Indices of Multiple Concussions, *The Mary Jane Neer Research Fund for Research in Disability*, \$15,000; 2007 - 2008.

Broglia SP (PI), Ostoja-Starzewski M, Sutton B, Finite Element Modeling of Brain Deformation from Rapid MRI, *The Mary Jane Neer Research Fund for Research in Disability*, \$14,400; 2006 - 2007.

Ferrara MS, Cooper ER, **Broglia SP (Co-I)**, Monitoring environmental conditions and injury rates of selected fall sports at NCAA Division III institutions, *National Collegiate Athletic Association Committee (NCAA) on Competitive Safeguards and Medical Aspects of Sports*, \$28,996; 2006.

Ferrara MS, Cooper ER, **Broglia SP (Co-I)**, Monitoring environmental conditions and injury rates of selected fall sports at NCAA Division III institutions, *National Collegiate Athletic Association (NCAA) Committee on Competitive Safeguards and Medical Aspects of Sports*, \$30,947; 2005.

Broglia SP (PI), The reliability and specificity of computer-based concussion assessment protocols, *Louise E. Kindig Research Award, Department of Kinesiology, University of Georgia*, \$1,000; 2005 - 2006.

Broglia SP (PI), *Dissertation Completion Assistantship*, University of Georgia Graduate School, \$16,767; 2005 - 2006.

Ferrara MS, Cooper ER, **Broglia SP (Co-I)**, Monitoring environmental conditions and injury rates of selected fall sports at NCAA Division III institutions, *National Collegiate Athletic Association (NCAA) Committee on Competitive Safeguards and Medical Aspects of Sports*, \$49,500; 2004.

Piland SG, **Broglia SP (Co-I)**, Ferrara MS, Investigation of Non-concussed group responses on a measure of self-reported concussion-related symptoms, *Southeast Athletic Trainers' Association Research Grant*, \$750; 2002.

Ferrara MS, Cooper ER, **Broglia SP (Co-I)**, Courson RW, Monitoring environmental conditions at southeastern universities, *National Athletic Trainers' Association - Research and Education Foundation*, \$7,140; 2003.

Broglia SP (PI), Ju YY, Broglia MD, Sell TC, The efficacy of soccer headgear, *National Athletic Trainers' Association - Research and Education Foundation, Osternig Masters Grant*, \$1,000; 2001 - 2002.

Broglia SP (PI), Guskiewicz, KM, Sell, TC, Lephart, SM, The acute effect of rotational heading on measures of postural stability, *Orthopaedic Research Laboratory Alumni Council: Mrs. Ho-Tung Cheong Research Grant*, \$3,000; 2001 - 2002.

SERVICE

Professional Service

Journals

Journal of Athletic Training

Associate Editor, 2015 to present

Guest Editor, Special Edition on *Concussion in Sport*, 2015 to 2017

Editorial Board, 2009 to 2015

Concussion

Editorial Board, 2014 to present

Athletic Training & Sports Health Care

Editorial Board, 2008 to 2021

British Journal of Sports Medicine

Editorial Board, 2008 to 2020

Journal ad-hoc Reviewer

American Journal of Sports Medicine • *Annals of Biomedical Engineering* • *Applied Neuropsychology: Child* • *Archives of Clinical Neuropsychology* • *Archives of Physical Medicine and Rehabilitation* • *Biology of Sport* • *BMC Sports Science, Medicine, & Rehabilitation* • *Brain* • *Brain Injury* • *British Journal of Sports Medicine* • *British Medical Journal* • *Clinical Journal of Sports Medicine* • *Child Neuropsychology* • *Clinical Neurology and Neurosurgery* • *Concussion* • *Developmental Neuropsychology* • *Experimental Brain Research* • *International Journal of Exercise Science* • *JAMA Pediatrics* • *International Journal of Sports Medicine* • *Journal of ASTM International* • *Journal of Adolescent Health* • *Journal of Athletic Training* • *Journal of Biomechanical Engineering* • *Journal of Biomechanics* • *Journal of Clinical and Experimental Neuropsychology* • *Journal of Exercise Science* • *Journal of Motor Behavior* • *Journal of Neurological Sciences* • *Journal of Neurotrauma* • *Journal of Science and Medicine in Sport* • *Journal of Sport and Health Science* • *Journal of Sport Science and Medicine* • *Journal of Sport Rehabilitation* • *Medical Principles and Practice* • *Medicine and Science in Sport and Exercise* • *Neurocase* • *Neuropsychology* • *Neuropsychology Review* • *Neuroscience Letters* • *Neurosurgery* • *New England Journal of Medicine* • *Plos One* • *Research in Sports Medicine* • *Sports Health: A Multidisciplinary Approach* • *The Physician and Sports Medicine*

Funding Agencies

National Athletic Trainers' Association Foundation

Research Grants Committee

Vice Chair for General Grants, 2014 to 2020

Committee member, 2011 to 2014

Ad hoc reviewer, 2008 to 2011

National Institutes of Health:

Small Business: Clinical Neurophysiology, Devices, Neuroprosthetics, and Biosensors (10 ZRG1 ETTN-C (10) B) Review Panel, 2015, 2016

Challenge Grant (RFA-OD-09-003) Special Panel/Scientific Review Group (ZRG1BDCN-T(58)R), 2009

University of Michigan Pediatric Device Consortium, 2015

Neurological Foundation of New Zealand, 2015

University of North Carolina Research Opportunities Initiative, 2014
Canadian Foundation for Innovation, 2013
Medical College of Wisconsin, Injury Research Center, 2013
University of Nebraska, Experimental Program to Stimulate Competitive Research, 2013
Natural Sciences and Engineering Research Council of Canada, Research Partnership Program, 2012, 2013
U.S. Army Medical Research & Materiel Command-Military Operational Medicine Research Program (USAMRMC-MOMRP), Physiological Health/Traumatic Brain Injury Portfolio, 2011, 2019
Hewlett International Research Travel Grants, 2010

Conferences

North American Brain Injury Society
Scientific Committee, Houston, TX 2018
National Athletic Trainers' Association Foundation
Free Communications Committee, 2013 to 2018
Symposium Moderator 2001, 2006 to 2011
University of Michigan Sports Concussion Summit
Conference Director, Ann Arbor, MI, 2015, 2019
Think Tank Conference on Sport Concussion,
Co-organizer, Lincoln, NE, 2014
American Academy of Neurology - The Sports Concussion Conference
Scientific Committee, Chicago, IL, 2014
Medicine of Cycling Annual Meeting
Faculty and Organization Committee, Colorado Springs, CO, 2013, 2014, 2016, 2017
International Consensus Conference on Concussion in Sport
Consensus Panelist, 2008 (Zurich), 2016 (Berlin), 2022 (Amsterdam)
International Meeting on mTBI in Sports
Faculty and Organization Committee 4th, St Moritz, Switzerland, 2008.

Committees

American Academy of Neurology
Concussion Quality Measurement Working Group, 2018 to 2019
Medicine of Cycling
Director of Research, 2015 to 2018
Concussion Task Force, Concussion in Cycling Consensus Statement, 2012
National Collegiate Athletic Association
Concussion Safety Advisory Group, 2019 to present
National Institutes of Health
International Traumatic Brain Injury (TBI) Common Data Elements Steering Committee, National Institute of Neurological Disorders and Stroke (NINDS), 2017 to present
Chair, Acute Sport Concussion Common Data Elements, National Institute of Neurological Disorders and Stroke (NINDS), 2016 to 2017
Co-chair, Pediatric Concussion Workshop, National Institute of Neurological Disorders and Stroke (NINDS), National Institute on Drug Abuse (NIDA),

National Center for Medical Rehabilitation Research (NCMRR), and
Eunice Kennedy Shriver National Institute of Child Health and Human
Development (NICHD), 2016

Working Group, National Institute of Neurological Disorders and Stroke - Clinical
Data Interchange Standards Consortium (NINDS-CDISC) Food and Drug
Administration (FDA) Traumatic Brain Injury Standards, 2014 to 2015

USA Cycling

Safety Committee, 2016 to present

Consulting

Centers for Disease Control and Prevention, HEADS UP to Athletic Trainers, 2021

Game Plan Concussion Education, 2021 to present

University of Calgary SHRed Concussions Advisory Board, 2021 to present

New Jersey State Police, 2021

US Soccer, 2019 to 2020

Federal Trade Commission, 2012 to 2013

Department of Defense Concussion Definition Consortium, External Reviewer, 2012

Sportsconcussions.org, Advisory Board, Seattle, WA, 2009 to 2011

AthletiCo Sports Medicine and Rehabilitation Clinic, Chicago, IL, 2006 to 2011

University Service

University of Michigan

Biological Science Scholars Program, Search Committee, 2018 to present

University of Michigan Injury Prevention Center, Internal Advisory Committee, 2016 to
present

MiWorkspace Advisory Committee, 2015 to present

University Senate Assembly, 2014 to 2017

School / College Service

University of Michigan

School of Kinesiology

Space Committee, 2020 to present

Academic Structure Review Committee, 2020 to present

Executive Committee, 2018 to present

Graduate Committee, 2013 to 2016

Search Committees

Michigan Concussion Center (chair, 3 faculty lines): 2019 to present

Athletic Training, 2018 to 2019

Neuroscience faculty (co-chair), 2016 to 2017

Dean, 2015

Design Working Group - Classroom Space, 2014 to 2015

Health and Fitness Curriculum Committee, 2011 to 2013

University of Illinois at Urbana-Champaign

College of Applied Health Sciences

Elections and Credentials Committee, 2009 to 2011

Research Computing Task Force, 2009 to 2011

Departmental Service

University of Illinois at Urbana-Champaign

Department of Kinesiology and Community Health

Committee on Course Fees, 2009

Graduate Travel Grant Committee, 2009 to 2011

Elections and Credentials Committee, 2009 to 2011

Athletic Training Faculty Search Committee (co-chair), 2008

Global Campus Committee, 2008

Education Policy Committee, 2007 to 2010

Committee on Wellness, 2007 to 2008

PROFESSIONAL ORGANIZATIONS

American College of Sports Medicine, member #640343, 2007 to present

National Athletic Trainers' Association, member # 977340, 1997 to present

Great Lakes Athletic Trainers' Association, 2006 to present

Southeast Athletic Trainers' Association, 2002 to 2006

Eastern Athletic Trainers' Association, 2000 to 2002

Mid-Atlantic Athletic Trainers' Association, 1997 to 2000

National Provider Identifier, #1659736031, 2015 to present

CERTIFICATIONS

Board of Certification

Athletic Trainer, Certified # 060002015, 2000 to present

National Athletic Trainers' Association

Certified Clinical Instructor Educator, 2004 to 2011

Approved Clinical Instructor, 2003 to 2011

American Red Cross

CPR/AED for the Professional Rescuer

LICENSURE

Michigan, Department of Licensing and Regulatory Affairs, 2601001220, 2011 to present

Illinois, Department of Financial and Professional Regulation, 96.002310, 2006 to 2012

HONORS AND AWARDS

- 2022 Fellow of the National Academy of Kinesiology
- 2022 National Athletic Trainers Association Research and Education Foundation Medal for Distinguished Athletic Training Research
- 2021 Best Paper in IISE Transactions Focus Issue on Operations Engineering and Analytics for: Garcia GGP, Lavieri MS, Jiang R, McCrea MA, McAllister TW, **Broglio SP**, Data-driven stochastic optimization approaches to determine decision thresholds for risk estimation models. *IISE Transactions*, 52(10): 1098-1121, 2020.
- 2021 Military Health System Research Symposium Outstanding Research Team Award; McAllister T, **Broglio SP**, McCrea M, Pasquina P.
- 2020 Kenneth L. Knight Award for the Outstanding Research Manuscript, *Journal of Athletic Training* for: McGuine T, Pfaller A, Hetzel S, **Broglio S**, Hammer E, A prospective study of the impact of concussions on health outcomes in high school football players, *Journal of Athletic Training*, 55(10):1013-1019, 2020.
- 2019 University of Georgia, Department of Kinesiology, Distinguished Alumni
- 2018 Kenneth L. Knight Award for the Outstanding Research Manuscript, *Journal of Athletic Training* for: McGuine T, Pfaller A, Post E, Hetzel S, Brooks A, **Broglio SP**, The impact of athletic trainers on the incidence and management of concussions in high school athletes, *Journal of Athletic Training*, 53(11):1017-1024, 2018.
- 2019 Majorie A. King Research to Reality Lecture, Eastern Athletic Trainers' Association 71st Conference
- 2017 Fellow of the National Athletic Trainers' Association
- 2016 Kenneth L. Knight Award for the Outstanding Research Manuscript, *Journal of Athletic Training*, 2016, for: **Broglio SP**, Williams RM, O'Connor KL, Goldstick J, Football head impact exposure after limiting full-contact practices, *Journal of Athletic Training*, 51(7):511-518, 2016.
- 2015 Early Career Award for Important Contributions to the Field of Brain Injury Science, International Brain Injury Association
- 2014 Outstanding Early Career in Injury Research Award, University of Michigan Injury Center
- 2014 Fellow of the American College of Sports Medicine
- 2010 Freddie H. Fu New Investigator Award, National Athletic Trainers' Association Research and Education Foundation
- 2009 Kenneth L. Knight Award for the Outstanding Research Manuscript, *Journal of Athletic Training* for: **Broglio SP**, Sosnoff JJ, Sunghoon S, He X, Alcaraz C, Zimmerman J, Helmet impacts during high school football: A biomechanical assessment, *Journal of Athletic Training*, 44(4):342–349, 2009.
- 2009 Association Media and Publishing Annual EXCEL Awards Bronze Medalist, **Broglio SP**, Sosnoff JJ, Sunghoon S, He X, Alcaraz C, Zimmerman J, Helmet impacts during high school football: A biomechanical assessment, *Journal of Athletic Training*, 44(4):342–349, 2009.
- 2009 Phillis J. Hill James Scholar Faculty Award for Exemplary Mentoring University of Illinois
- 2005 Outstanding Teaching Assistant Award, University of Georgia
- 2005 Graduate Student Scholarship, Southeast Athletic Trainers' Association
- 2003 Oral Presentation Competition Winner - Master's Student Research, "The efficacy of soccer headgear," National Athletic Trainers' Association Research and Education Foundation

- 2003 Doctoral Student Scholarship, NATA-Research and Education Foundation
- 2003 Graduate Student Scholarship, Georgia Athletic Trainers' Association
- 2001 Jerry Rhea Sports Medicine Scholarship, Atlanta Falcons
- 2000 Highest Honors graduate, Department of Exercise and Sport Science, University of North Carolina
- 2000 Highest Distinction graduate, College of Arts and Science, University of North Carolina
- 2000 Max Crowder Award, Atlantic Coast Conference
- 2000 William Tessoroff Scholarship, National Athletic Trainers' Association Research and Education Foundation
- 1999 Phi Beta Kappa
- 1999 National Society of Collegiate Scholars
- 1999 Donald Fauls Memorial Scholarship, National Athletic Trainers' Association Research and Education Foundation
- 1998 Golden Key National Honor Society, University of North Carolina at Chapel Hill

updated: July 11, 2022