

KEVIN M. GUSKIEWICZ

President, Michigan State University

ADDRESS

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EDUCATION

University of Virginia, Charlottesville, Virginia

Doctor of Philosophy, Sports Medicine, Curry School of Education, 1995

Major areas of study: Orthopedic and Neuromuscular Research

Mild Traumatic Brain Injury Research

Research Design and Statistics

Dissertation: Effect of Mild Head Injury on Postural Stability

University of Pittsburgh, Pittsburgh, Pennsylvania

Master of Science, Exercise Physiology/Athletic Training, School of Education, 1992

West Chester University, West Chester Pennsylvania

Bachelor of Science, Athletic Training, College of Health Sciences, 1989

Minor: Journalism

ACADEMIC & ADMINISTRATIVE APPOINTMENTS

President, Michigan State University

March 4, 2024 – Present

Professor of Kinesiology, Michigan State University

March 4, 2024 – Present

Chancellor Emeritus, University of North Carolina at Chapel Hill

January 18, 2024 – Present

Chancellor, University of North Carolina at Chapel Hill

Dec 13, 2019 – January 12, 2024; Interim Chancellor, Feb 7, 2019 – Dec 12, 2019

- Led the 2020 launch of the University's strategic plan "*Carolina Next: Innovations for Public Good*" with clearly defined initiatives, opportunities, and metrics for assuring operational excellence and a more fiscally responsible budgeting model.
- Maintained Carolina's ranking as a Top 5 Public University and Best Value among publics by supporting the newly launched programs such as Program for Public Discourse, Biomedical Engineering, Applied Physical Sciences, Institute for Convergent Sciences, and Global Guarantee.
- Led the execution of the *Campaign for Carolina* fundraising, raising \$5.1B (completed in Dec 2022) and exceeding a \$4.25B campaign goal set in 2017.

- Implemented the goals of “Higher Expectations,” the UNC System’s Strategic Plan, including access, student success, affordability & efficiency, and economic impact helping to secure Carolina’s ranking as the “best value” among public universities (US News & World Report).
- Supporting and promoting the national and global impact of UNC’s \$1.2B annual research enterprise by establishing critical faculty professorship and graduate student endowment funds.
- Providing strategic leadership for UNC Health, to launch a new brand identity reflecting a new focus, approach and commitment to transformational change as one of the region’s largest academic health systems.
- Launched Carolina Across 100 in 2020, a pan-university effort, to partner with communities in each of North Carolina’s 100 counties.
- Implemented a new and transparent budget model for the University’s \$4B annual operating budget in 2021; and successfully eliminated a \$110M structural deficit that had grown over 10yrs.
- Created the Carolina Economic Development Strategy/Council in 2021 to retain, attract, and grow more innovation-oriented companies and talent in Chapel Hill; Secured funding to build the “innovation corridor” connecting the downtown Chapel Hill business district with UNC’s campus.
- Strengthened partnerships with stakeholders including the NC General Assembly and the citizens of North Carolina through initiatives such as the NC Collaboratory.
- Launched an annual “Tar Heel Bus Tour” in 2019 with 100 faculty and staff traveling across the state to learn about the diverse communities UNC students call home and to showcase the impact of Carolina’s research and service on the citizens of the state.

Dean, College of Arts and Sciences, University of North Carolina at Chapel Hill

January 1, 2016 to February 6, 2019

- Led strategic planning effort outlining the College’s “Roadmap to Boldness” with clearly defined priorities for 2017-2021.
- Made interdisciplinary teaching and research a cornerstone of the College, and championed the use of high-structure active learning techniques, for which Carolina is a national leader.
- Increased study abroad, academic internships and other experiential learning opportunities for Carolina students which are now integral to the undergraduate experience.
- Led efforts to increase graduate student funding through philanthropy (established 4 new graduate fellowship programs) helping to recruit and retain top tier students.
- Established and exceeded the College’s *Campaign for Carolina* fundraising goals (3 consecutive record years); \$400M raised of \$750M goal at mid-point of a 7-yr campaign.
- Led the design for the Institute for Convergent Science, bringing together scholars from across campus to speed the commercialization and impact of new discoveries.
- Facilitated the redesign of the university’s general education curriculum; *IDEAs in Action* Curriculum, which was officially launched in 2023.

Senior Associate Dean for Natural Sciences, College of Arts and Sciences, University of North Carolina at Chapel Hill

July 2013 to December 2015

- Led effort to start two new science departments in the College – Biomedical Engineering and Applied Physical Science.
- Served Co-Leader, UNC’s AAU STEM grant to foster cultural change and widespread implementation of active learning methods in gateway STEM courses.
- Oversaw the development of the Chancellor’s Science Scholars Program aimed at increasing the diversity among future science leaders.

Department of Exercise and Sport Science, College of Arts and Sciences, University of North Carolina at Chapel Hill

Kenan Distinguished Professor, 2009 to present

Department Chair, 2005 to 2013

Professor, 2004 to present

Academic Leadership Fellow, Institute for the Arts & Humanities, January to May 2008

Associate Professor, 2001 to 2004

Assistant Professor, 1995 to 2001

Director, Graduate Studies & Graduate Admissions, 1998 to 2005

Director, Sports Medicine Research Laboratory, 1996 to 2008

Director, Undergraduate Athletic Training Education Program, 1995 to 2002

Teaching Responsibilities:

Gross Anatomy (graduate)

Applied Statistics & Research Design in Exercise and Sport Science (graduate)

Human Movement Science Doctoral Seminar (graduate)

Therapeutic Modalities (undergraduate)

Evaluation of Athletic Injuries (undergraduate)

Human Anatomy (undergraduate)

Matthew Gfeller Sport-Related Traumatic Brain Injury Research Center, University of North Carolina at Chapel Hill

Founding Director, May 1, 2010 to present

Center for the Study of Retired Athletes, University of North Carolina at Chapel Hill

Executive Director, July 1, 2001 to present

Department of Physical Medicine and Rehabilitation, School of Medicine, University of North Carolina

Professor, July 1, 2013 to present

Department of Orthopaedic Surgery, School of Medicine, University of North Carolina

Professor, July 1, 2004 to present

Associate Professor, 2001 to 2004

Assistant Professor, 1998 to 2001

Department of Allied Health Sciences, School of Medicine, University of North Carolina

Adjunct Professor, 2000 to present

Curriculum in Human Movement Science (Interdisciplinary Doctoral Program), School of Medicine, University of North Carolina

Professor

Injury Prevention Research Center, University of North Carolina at Chapel Hill

Interim Director, January 2005 to July 2005

Core Faculty Member, September 2001 to present

Curry School of Education, University of Virginia, Doctoral Student, 1992 to 1995

Instructor: Gross Anatomy Laboratory (undergraduate)

Advanced Athletic Injuries & Lab (undergraduate)

Teaching Assistant: Anatomical Basis of Sports Medicine (graduate)

Research Advisor: Research in Athletic Training (graduate)
Seminar in Educational Research (graduate)
Thesis Advisor, NATA Approved Graduate Program

St. Anne's-Belfield High School, Charlottesville, Virginia: 1992 to 1995

Athletic Training Clinical Supervisor: Supervised students seeking NATA certification *Teacher:* Seventh grade Health - Nutrition/First Aid (1993)

West Chester University, 1990

Teaching Assistant: Therapeutic Modalities

UNIVERSITY SERVICE AND RELATED ACADEMIC BOARDS

U.S. Department of Health and Human Services, Board of Scientific Counselors, National Center for Injury Prevention and Control of the Centers for Disease Control and Prevention (CDC) (September 2018 to August 2022)

UNC Frank Porter Graham Strategic Planning Advisory Committee, (July 2018 to December 2018)

UNC Chancellor's Science Scholars Executive Advisory Board, (April 2018 to present)

University of Pittsburgh, School of Health and Rehabilitation Sciences (SHRS) Board of Visitors (July 2018 to present)

UNC Strategic Implementation Group, Identify and advise the Chancellor and University on strategic initiatives (January 2016 to present)

Bio-medical Engineering Executive Board Member, UNC joint program with NC State. (2016 to present)

U.S. Department of Health and Human Services, President's Council on Sports, Fitness & Nutrition Science Board Member (January 2014 to present)

UNC's Quality Enhancement Plan (QEP) for Southern Association of Colleges and Schools: Co-Chair, Steering Committee for SACS reaffirmation process. Identify priorities to improve student learning; provide guidance on implementation of the QEP; and recommend how to effectively communicate the QEP to the campus community (September 2014 to August 2017).

UNC Representative to Southern Association of Colleges and Schools' review team: Georgia Tech On-Site Reaffirmation Committee; Serving as observer in preparation for UNC's 2016 reaffirmation process (February 2015 to March 2015).

Association of American Universities (AAU) Undergraduate STEM Initiative:

Co-Leader, UNC's AAU STEM grant to foster cultural change and widespread implementation of active learning methods in gateway STEM courses (June 2013 to May 2018).

UNC-Chapel Hill Responsibility-Centered Management (RCM) Budget Executive Planning Committee:

Participating on a 12-member committee (3 deans, CFO, controller, UNC finance team, and representatives from Huron Consulting) and chaired by the Provost (Jan 2016 to Dec 2017) in preparation for UNC's conversion to a new budget model.

UNC-Chapel Hill's Centers and Institute's Review Committee (July 2013 to present)

Administrative Search Committees:

Associate Dean, Study Abroad and International Exchanges, UNC-Chapel Hill (April 2018 to present)

Vice Provost, University Libraries & Librarian, UNC-Chapel Hill (Jan 2017 to Aug 2017)

Chancellor, UNC-Chapel Hill (Sept 2012 to April 2013)
Director, Academic Support Program for Student-Athletes (Sept to Dec 2012)
Director, UNC Sports Medicine, *Chair* (June to November 2009)
Assistant Vice Chancellor for UNC Campus Health, *Chair* (Jan to June 2006) Dean, College of Arts and Sciences (May 2006 to April 2007)

Administrative Reviews:

Athletic Director, UNC Chapel Hill (Feb 2017 to May 2017)
Director, UNC Highway Safety Research Center (Nov 2010 to Feb 2011)
Vice Chancellor for Student Affairs (August 2008 to Dec 2008)
Director, UNC Office of Human Research Ethics (Jan 2008 to May 2008)
UNC Sports Medicine Program (October 2007 to Aug 2008)
Dean of the UNC-Chapel Hill Graduate School (Oct 2004 to April 2005)
Director, UNC Injury Prevention Research Center (Jan 2003 to May 2004)

Faculty Executive Committee, July 2008 to Dec 2008 (interim appointment); July 2009 to January 2016 (elected appointment)

UNC's Classroom Policy Steering Committee, July 2013 to June 2016

UNC's Space Use Committee, July 2013 to June 2016

UNC's Buildings and Grounds Committee, July 2013 to 2016

UNC's Biomedical Research Imaging Center (BRIC) Senior Advisory Committee, Sept 2013 to present

UNC's Cancer Research Fund Committee, July 2016 to present

Fundraising Campaign Co-Coordinator – *Stallings-Evans Sports Medicine Center* (July 2005 to May 2010)

University Committee on Teaching Awards (July 2008 to January 2009)

Administrative Board of the General College, July 2008 to 2011

Administrative Board of the Graduate School, August 2000 to July 2005

CLINICAL EXPERIENCE

Athletic Trainer: University of North Carolina at Chapel Hill: Head Athletic Trainer for Women's Lacrosse (1995-1998); Clinical supervisor for undergraduate and graduate athletic training students (1995-1999); General athletic training coverage & director of the UNC concussion testing program for all UNC athletic teams (1998 to present).

Head Athletic Trainer: St. Anne's-Belfield School, Charlottesville, Virginia (1992-1995).

Graduate Assistant Athletic Trainer: Pittsburgh Steelers Football Club, Pittsburgh, Pennsylvania (1990-1992).

Clinical Athletic Trainer: Chester County Orthopaedic and Sports Physical Therapy, West Chester, Pennsylvania (1989 to 1990).

HONORS AND AWARDS

2020 Hall of Fame Inductee, National Athletic Trainers' Association

William “Pinky” Newell Award and Lecture for outstanding leadership in the profession of Athletic Training, January 12, 2019

Kenneth L. Knight Award for the Outstanding Research Manuscript

Teel EF, Marshall SW, Viswanathan S, McCrea M, Guskiewicz KM (2017). Predicting Recovery Patterns After Sport-Related Concussion. *Journal of Athletic Training*. 52(3):288-98. Awarded June 2018.

2018 Commencement Speaker, A.T. Still University, Arizona School of Health Sciences, June 1, 2018

Frank Porter Graham Lecture on Excellence, Order of Golden Fleece, April 7, 2017

2017 Commencement Speaker, University of South Alabama, December 9, 2017

Most Distinguished Athletic Trainer Award, June 25, 2015

Order of the Golden Fleece Induction, University of North Carolina, April 10, 2014

Time Magazine – Game Changer, Named by Time Magazine as one of 18 “innovators and problem-solvers that are inspiring change in America,” October 2013.

2013 Commencement Speaker, University of North Carolina, December 15, 2013.

West Chester University’s Sturzebecker Hall of Fame Inductee, October 26, 2013.

2013 Distinguished Alumnus Award, Curry School of Education, The University of Virginia, October 4, 2013.

2013 Commencement Speaker & Recipient of The University of Pittsburgh’s 225th Medallion, School of Health and Rehabilitation Sciences, University of Pittsburgh. April 27, 2013.

2013 TEDx UNC Speaker, Memorial Hall, University of North Carolina-Chapel Hill, February 9, 2013.

University of Pittsburgh Legacy Laureate, Distinguished Alumnus Award. October 11, 2012.

2011 December Commencement Speaker, West Chester University, December 19, 2011.

2011 MacArthur Fellow, September 20, 2011.

Sayers Bud Miller Educator of the Year. National Athletic Trainers' Association Research and Education Foundation's annual award for outstanding educator. June 20, 2008.

Clint Thompson Manuscript Award for Clinical Advancement

Bailes JE, Petschauer M, Guskiewicz KM, & Marano, G. Management of cervical spine injuries in athletes. *Journal of Athletic Training*, 2007;42(1): 126–134. Awarded June 2008.

Fellow in the National Athletic Trainers’ Association (FNATA). 2006

Kenneth L. Knight Award for the Outstanding Research Manuscript

Cavanaugh JT, Guskiewicz K, Giuliani C, Marshall S, Mercer VS, Stergiou N. Recovery of postural control after cerebral concussion: New insights using Approximate Entropy. *J Athl Train* 2006; 41(3):305-313. Awarded June 2007.

Jack Weakley Service Award, “Helping those who help others.” College Athletic Trainers’ Society’s Annual Service Award. May 17, 2007.

Fellow in the American Academy of Kinesiology and Physical Education. September 16, 2006.

Medal for Distinguished Athletic Training Research. National Athletic Trainers' Association Research and Education Foundation's annual award for outstanding researcher. June 16, 2006.

West Chester University's Legacy of Leadership Alumnus Award. April 30, 2005.

Fellow in the American College of Sports Medicine (FACSM). November 8, 2002.

Kenneth L. Knight Award for the Outstanding Research Manuscript - second runner-up Guskiewicz, K.M., Ross S.E., and Marshall S.W. Postural stability and neuropsychological deficits following concussion in collegiate athletes. *Journal of Athletic Training*, 36 (3), 263-273, 2001.) Awarded June 2002.

2002 Research to Reality Award Recipient, Eastern Athletic Trainers' Association. January 8, 2002.

Stevens Visiting Professorship. University of Florida, Gainesville, FL. Awarded October 2000, Presented lectures on February 25-28, 2001.

Kevin P. Speer, MD New Investigator Award. National Athletic Trainers' Association Research and Education Foundation's annual award for outstanding young researcher. Awarded June 17, 1999.

Outstanding Faculty Award. University of North Carolina Alumni Association and Division of Student Affairs. Awarded April 15, 1998.

Kenneth L. Knight Award for the Outstanding Research Manuscript
Guskiewicz, K.M., Perrin, D.H., & Gansneder, B. Effect of mild head injury on postural stability. *Journal of Athletic Training*, 31(4)300-306, 1996). Awarded June 1997.

Junior Faculty Development Award (\$3,000) - UNC-CH Committee on Faculty Research and Study Leaves, November 27, 1995

Who's Who Among Students in American Universities and Colleges, (1989)

Swope Leadership Scholarship (1988), West Chester University

Physical Education Scholarship (1988), West Chester University

EDITORIAL BOARD APPOINTMENTS & ASSIGNMENTS

Journal of Athletic Training

Associate Editor (2001 to 2013)

Board member (1997 to 2013)

Guest Editor for special issue on *Concussion in Sport* (October 2001)

Journal of Sport Rehabilitation

Board member (1995 to present)

Editorial assistant (1993 to 1995)

Current Sports Medicine Reports, Board member (2010 to 2014)

Frontiers in Neurology, Board member (2010 to 2016); Reviewer (2017 to present)

Journal of American Medical Association, Reviewer (2002 to present)

Neurosurgery, Reviewer (2004 to present)

Annals of Biomedical Engineering, Reviewer (2009 to present)

Clinical Journal of Sports Medicine, Reviewer (2003 to present)

British Journal of Sports Medicine, Reviewer (2000 to present)

Medicine & Science in Sports & Exercise, Reviewer (1998 to present)

Journal of Biomechanics, Reviewer (1998 to present)

Athletic Therapy Today, Board member (1995 to 1999)

SCHOLARSHIP

Refereed Journal Publications:

Walton SR, Carneiro KA, Smith-Ryan AE, Stoner L, Kerr ZY, Brett BL, Chandran A, DeFreese JD, Mannix R, Lempke LB, Echemendia RJ, McCrea MA, Guskiewicz KM, Meehan WP 3rd. Single Leg Hop Performance After Anterior Cruciate Ligament Reconstruction: Ready for Landing but Cleared for Take-Off? *J Athl Train*. 2024 Sep 17. doi: 10.4085/1062-6050-0537.23. PMID: 39287082.

Dybing KM, McAllister TW, Wu YC, McDonald BC, Broglio SP, Mihalik JP, Guskiewicz KM, Goldman JT, Jackson JC, Risacher SL, Saykin AJ, Nudelman KNH. Association of Alzheimer's disease polygenic risk score with concussion severity and recovery metrics. 2024 Jul 11:2024.07.10.24309042. doi: 10.1101/2024.07.10.24309042. PMID: 39040205; PMCID: PMC11261937.

Bertò G, Rooks L, Broglio S, McAllister T, McCrea M, Pasquina P, Giza C, Brooks A, Mihalik J, Guskiewicz K, Goldman J, Duma S, Rowson S, Port N, Pestilli F. Diffusion tensor analysis of white matter tracts is prognostic of persisting post-concussion symptoms in collegiate athletes. *NeuroImage: Clinical*. Jul 2024: doi.org/10.1016/j.nicl.2024.103646.

Hernandez SG, Mannix R, Kerr ZY, Lempke LB, Chandran A, Walton SR, DeFreese JD, Echemendia RJ, Guskiewicz KM, McCrea MA, Meehan iii WP, Brett BL. Longitudinal characterization of pain interference and influential factors in former National Football League (NFL) players over a 19-year period: an NFL-LONG Study. *J Pain*. 2024 May 23:104577. doi: 10.1016/j.jpain.2024.104577. Epub ahead of print. PMID: 38796128.

Register-Mihalik JK, Guskiewicz KM, Marshall SW, McCulloch KL, Mihalik JP, Mrazik M, Murphy I, Naidu D, Ranapurwala SI, Schneider KJ, Gildner P, Salmon DM, Auton B, Bowman TG, Hall EE, Hynes LM, Jewell E, Ketcham CJ, Siler CW, Sullivan SJ, Kostogiannes V, McCrea MA; Active Rehab Study Consortium. Symptom Exacerbation and Adverse Events during a Randomized Trial of Early-stage Concussion Rehabilitation. *J Athl Train*. 2024 May 22. doi: 10.4085/1062-6050-0696.23. Epub ahead of print. PMID: 38775119.

Broglio SP, Register-Mihalik JK, Guskiewicz KM, Leddy JJ, Merriman A, Valovich McLeod TC. National Athletic Trainers' Association Bridge Statement: Management of Sport-Related Concussion. *J Athl Train*. 2024 Mar 1;59(3):225-242. doi: 10.4085/1062-6050-0046.22. PMID: 38530653; PMCID: PMC10976337.

Brett BL, Klein AP, Vazirnia P, Omidfar S, Guskiewicz KM, McCrea M, Meier T. White Matter Hyperintensities and Microstructural Alterations in Contact Sport Athletes from Adolescence to Early Midlife. *J Neurotrauma*. 2024 Apr 25. doi: 10.1089/neu.2023.0609. Epub ahead of print. PMID: 38661548.

Simpson E, Reiter JL, Ren J, Zhang Z, Nudelman KN, Riggen LD Jr, Menser MD, Harezlak J, Foroud TM, Saykin AJ, Brooks A, Cameron KL, Duma SM, McGinty G, Rowson S, Svoboda SJ, Broglio SP, 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. *Sports Med.* 2023 Nov 8. doi: 10.1007/s40279-023-01951-9. Epub ahead of print. PMID: 37938533.

Lopez Hernandez DW, Cantu R, Guskiewicz KM, Kelly DF, Swerdlhoff R, Woo E, Wright MJ. A - 151 Assessing the Role of Executive Function in the Memory Performances of Retired National Football League Players. *Arch Clin Neuropsychol.* 2023 Oct 8 :acad067.168. doi: 10.1093/arclin/acad067.168. Epub ahead of print. PMID: 37807294.

Lang B, Kerr ZY, Chandran A, Walton SR, Mannix R, Lempke LB, DeFreese JD, Echemendia RJ, Guskiewicz KM, Meehan WP 3rd, McCrea MA, Brett BL. The Longitudinal Relationship Between Concussion History, Years of American Football Participation, and Alcohol Use Among Former National Football League Players: an NFL-LONG Study. *Arch Clin Neuropsychol.* 2023 Aug 22:acad059. doi: 10.1093/arclin/acad059. Epub ahead of print. PMID: 37609946.

Kerr ZY, Walton SR, Brett BL, Chandran A, DeFreese JD, Mannix R, Echemendia RJ, McCrea MA, Guskiewicz KM, Meehan WP 3rd. Measurement implications on the association between self-reported concussion history and depression: An NFL-LONG study. *Clin Neuropsychol.* 2023 Aug;37(6):1136-1153. doi: 10.1080/13854046.2022.2094834. Epub 2022 Jul 6. PMID: 35791900.

Allen, AT.; Cole, WR.; Walton, SR.; Kerr, ZK; Chandran, A; Mannix, R; Guskiewicz, KM.; Meehan, WP; Echemendia, RJ.; McCrea, MA.; Brett, BL.. Subjective and Performance-Based Cognition and their Associations with Head Injury History in Older Former NFL Players. *Medicine & Science in Sports & Exercise* (>):10.1249/MSS.0000000000003256, July 14, 2023. | DOI: 10.1249/MSS.0000000000003256

Echemendia RJ, Burma JS, Bruce JM, Davis GA, Giza CC, Guskiewicz KM, Naidu D, Black AM, Broglio S, Kemp S, Patricios JS, Putukian M, Zemek R, Arango-Lasprilla JC, Bailey CM, Brett BL, Didehbani N, Gioia G, Herring SA, Howell D, Master CL, Valovich McLeod TC, Meehan WP 3rd, Premji Z, Salmon D, van Iersel J, Bhathela N, Makdissi M, Walton SR, Kissick J, Pardini J, Schneider KJ. Acute evaluation of sport-related concussion and implications for the Sport Concussion Assessment Tool (SCAT6) for adults, adolescents and children: a systematic review. *Br J Sports Med.* 2023 Jun;57(11):722-735. doi: 10.1136/bjsports-2022-106661. PMID: 37316213.

Echemendia RJ, Brett BL, Broglio S, Davis GA, Giza CC, Guskiewicz KM, Harmon KG, Herring S, Howell DR, Master CL, Valovich McLeod TC, McCrea M, Naidu D, Patricios J, Putukian M, Walton SR, Schneider KJ, Burma JS, Bruce JM. Introducing the Sport Concussion Assessment Tool 6 (SCAT6). *Br J Sports Med.* 2023 Jun;57(11):619-621. doi: 10.1136/bjsports-2023-106849. PMID: 37316207.

Patricios JS, Schneider KJ, Dvorak J, Ahmed OH, Blauwet C, Cantu RC, Davis GA, Echemendia RJ, Makdissi M, McNamee M, Broglio S, Emery CA, Feddermann-Demont N, Fuller GW, Giza CC, Guskiewicz KM, Hainline B, Iverson GL, Kutcher JS, Leddy JJ, Maddocks D, Manley G, McCrea M, Purcell LK, Putukian M, Sato H, Tuominen MP, Turner M, Yeates KO, Herring SA, Meeuwisse W. Consensus statement on concussion in sport: the 6th International Conference on Concussion in Sport-Amsterdam, October 2022. *Br J Sports Med.* 2023 Jun;57(11):695-711. doi: 10.1136/bjsports-2023-106898. PMID: 37316210.

Davis GA, Echemendia RJ, Ahmed OH, Anderson V, Blauwet C, Brett BL, Broglio S, Bruce JM, Burma JS, Gioia G, Giza CC, Guskiewicz KM, Harmon KG, Herring SA, Makdissi M, Master CL, McCrea M, Meehan WP 3rd, Naidu D, Patricios JS, Purcell LK, Putukian M, Schneider KJ, Valovich McLeod TC, Walton SR, Yeates KO, Zemek R. Child SCAT6. *Br J Sports Med.* 2023 Jun;57(11):636-647. doi: 10.1136/bjsports-2023-106982. PMID: 37316212.

Wu YC, Wen Q, Thukral R, Yang HC, Gill JM, Gao S, Lane KA, Meier TB, Riggen LD, Harezlak J, Giza CC, Goldman J, Guskiewicz KM, Mihalik JP, LaConte SM, Duma SM, Broglio 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*. 2023 Jun 16:10.1212/WNL.0000000000207389. doi: 10.1212/WNL.0000000000207389. Epub ahead of print. PMID: 37328299.

Kuenze C, Pietrosimone B, Currie KD, Walton SR, Kerr ZY, Brett BL, Chandran A, DeFreese JD, Mannix R, Echemendia RJ, McCrea M, Guskiewicz KM, Meehan WP. Joint Injury and OA are Associated with Cardiovascular Disease Risk Factors in Former NFL Athletes: An NFL-LONG study. *J Athl Train*. 2023 Jan 16. doi: 10.4085/1062-6050-0437.22. Epub ahead of print. PMID: 36645831.

Brett BL, Aggarwal NT, Chandran A, Kerr ZY, Walton SR, DeFreese JD, Guskiewicz KM, Echemendia RJ, Meehan WP 3rd, McCrea MA, Mannix R. Incorporation of concussion history as part of the Lifestyle for BRAin Health (LIBRA) modifiable factors risk score and associations with cognition in older former National Football League players. *Alzheimers Dement*. 2023 Jan 28. doi: 10.1002/alz.12929. Epub ahead of print. PMID: 36708229.

Ghiles CW, Clark MD, Kuzminski SJ, Fraser MA, Petrella JR, Guskiewicz KM. Changes in resting state networks in high school football athletes across a single season. *Br J Radiol*. 2023 Jan 18:20220359. doi: 10.1259/bjr.20220359. Epub ahead of print. PMID: 36607807.

Lempke LB, Walton SR, Brett BL, Chandran A, DeFreese JD, Mannix R, Echemendia RJ, McCrea MA, Guskiewicz KM, Meehan WP 3rd, Kerr ZY. Relating American Football Age of First Exposure to Patient-Reported Outcomes and Medical Diagnoses Among Former National Football League Players: An NFL-LONG study. *Sports Med*. 2022 Dec 7. doi: 10.1007/s40279-022-01795-9. PMID: 36479682.

Vorn R, Devoto C, Meier TB, et al. Are EPB41 and alpha-synuclein diagnostic biomarkers of sport-related concussion? Findings from the NCAA and Department of Defense CARE Consortium. *Journal of Sport and Health Science*. 2022 Nov: S2095-2546(22)00114-4. DOI: 10.1016/j.jshs.2022.11.007. PMID: 36403906.

Walton SR, Powell JR, Brett BL, Yin W, Kerr ZY, Liu M, McCrea MA, Guskiewicz KM, Giovanello KS. Associations of lifetime concussion history and repetitive head impact exposure with resting-state functional connectivity in former collegiate American football players: An NCAA 15-year follow-up study. *PLoS One*. 2022 Sep 9;17(9):e0273918. doi: 10.1371/journal.pone.0273918. PMID: 36084077; PMCID: PMC9462826.

Brett BL, Kerr ZY, Chandran A, Walton S, Aggarwal NT, Gifford K, Mannix R, DeFreese JD, Echemendia RJ, Guskiewicz KM, Meehan WP, McCrea MA. A dominance analysis of subjective cognitive complaint comorbidities in former professional football players with and without mild cognitive impairment. *J Int Neuropsychol Soc*. 2022 Aug 30:1-12. doi: 10.1017/S135561772200056X. Epub ahead of print. PMID: 36039970.

Seifert J, Shah AS, Harezlak J, Rowson S, Mihalik JP, Riggen L, Duma S, Brooks A, Cameron KL, Giza CC, Goldman J, Guskiewicz KM, Houston MN, Jackson JC, McGinty G, Pasquina P, Broglio SP, McAllister TW, 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. *Ann Biomed Eng*. 2022 Aug 6. doi: 10.1007/s10439-022-03032-w. Epub ahead of print. PMID: 35933459.

Kerr ZY, Walton SR, Brett BL, Chandran A, DeFreese JD, Mannix R, Echemendia RJ, McCrea MA, Guskiewicz KM, Meehan WP 3rd. Measurement implications on the association between self-reported concussion history and depression: An NFL-LONG study. *Clin Neuropsychol*. 2022 Jul 6:1-18. doi: 10.1080/13854046.2022.2094834. Epub ahead of print. PMID: 35791900.

Vorn R, Mithani S, Devoto C, Meier TB, Lai C, Yun S, Broglio SP, McAllister TW, Giza CC, Kim HS, Huber D, Harezlak J, Cameron KL, McGinty G, Jackson J, Guskiewicz KM, Mihalik JP, Brooks A, Duma S, Rowson S, Nelson LD, Pasquina P, McCrea MA, Gill JM. Proteomic Profiling of Plasma Biomarkers Associated With Return to Sport Following Concussion: Findings From the NCAA and Department of Defense CARE Consortium. *Front Neurol*. 2022 Jul 19;13:901238. doi: 10.3389/fneur.2022.901238. PMID: 35928129; PMCID: PMC9343581.

Mustafi SM, Yang HC, Harezlak J, Meier T, Brett BL, Giza CC, Goldman J, Guskiewicz KK, Mihalik J, LaConte SM, Duma SM, Broglio SP, McCrea M, McAllister T, Wu YC. Effects of White-Matter Tract Length in Sport-Related Concussion: A Tractography Study from the NCAA-DoD CARE Consortium. *J Neurotrauma*. 2022 Jun 21. doi: 10.1089/neu.2021.0239. Epub ahead of print. PMID: 35730116.

Bryant AM, Kerr ZY, Walton SR, Barr WB, Guskiewicz KM, McCrea MA, Brett BL. Investigating the association between subjective and objective performance-based cognitive function among former collegiate football players. *Clin Neuropsychol*. 2022 Jun 7:1-22. doi: 10.1080/13854046.2022.2083021. Epub ahead of print. PMID: 35670306.

DeFreese JD, Walton SR, Kerr ZY, Brett BL, Chandran A, Mannix R, Campbell H, Echemendia RJ, McCrea MA, Meehan WP, Guskiewicz KM. Transition-Related Psychosocial Factors and Mental Health Outcomes in Former National Football League Players: An NFL-LONG Study. *J Sport Exerc Psychol*. 2022 Mar 12:1-8. doi: 10.1123/jsep.2021-0218. Epub ahead of print. PMID: 35279017.

Brett BL, Kerr ZY, Walton SR, Chandran A, Defreese JD, Mannix R, Echemendia RJ, Meehan WP, Guskiewicz KM, McCrea M. Longitudinal trajectory of depression symptom severity and the influence of concussion history and physical function over a 19-year period among former National Football League (NFL) players: an NFL-LONG Study. *J Neurol Neurosurg Psychiatry*. 2022 Mar;93(3):272-279. doi: 10.1136/jnnp-2021-326602. Epub 2021 Oct 18. PMID: 34663623; PMCID: PMC8854336.

Swartz EE, Register-Mihalik JK, Broglio SP, Mihalik JP, Myers JL, Guskiewicz KM, Bailes J, Hoge M; National Athletic Trainers' Association Position Statement: Reducing Intentional Head-First Contact Behavior in American Football Players. *J Athl Train* 1 February 2022; 57 (2): 113–124. doi: <https://doi.org/10.4085/1062-6050-0062.21>

Brett BL, Walton S, Meier T, Nencka AS, Powell JR, Giovanello KS, Guskiewicz KM, McCrea M. Head impact exposure, grey matter volume, and moderating effects of estimated IQ and educational attainment in former athletes at midlife. *J Neurotrauma*. 2022 Jan 19. doi: 10.1089/neu.2021.0449. Epub ahead of print. PMID: 35044240.

Brett BL, Nader AM, Kerr ZY, Chandran A, Walton SR, DeFreese JD, Guskiewicz KM, McCrea M. Disparate Associations of Years of Football Participation and a Metric of Head Impact Exposure with Neurobehavioral Outcomes in Former Collegiate Football Players. *J Int Neuropsychol Soc*. 2022 Jan;28(1):22-34. doi: 10.1017/S1355617721000047. Epub 2021 Feb 10. PMID: 33563361; PMCID: PMC8353007.

Brett BL, Kerr ZY, Aggarwal NT, Chandran A, Mannix R, Walton S, DeFreese JD, Echemendia RJ, Guskiewicz KM, McCrea MA, Meehan WP 3rd. Cumulative Concussion and Odds of Stroke in Former National Football League Players. *Stroke*. 2022 Jan;53(1):e5-e8. doi: 10.1161/STROKEAHA.121.035607. Epub 2021 Nov 29. PMID: 34839696.

Walton SR, Kerr ZY, Mannix R, Brett BL, Chandran A, DeFreese JD, McCrea MA, Guskiewicz KM, Meehan WP 3rd, Echemendia RJ. Subjective Concerns Regarding the Effects of Sport-Related Concussion on Long-Term Brain Health among Former NFL Players: An NFL-LONG Study. *Sports Med*. 2021 Nov 13. doi: 10.1007/s40279-021-01589-5. Epub ahead of print. PMID: 34773581.

Brett BL, Meier TB, Savitz J, Guskiewicz KM, McCrea MA. Research Letter: Sleep Mediates the Association Between Prior Concussion and Depressive Symptoms. *J Head Trauma Rehabil.* 2021 Jul-Aug 01;36(4):E284-E288. doi: 10.1097/HTR.0000000000000663. PMID: 33656485; PMCID: PMC8249320.

Walton SR, Brett BL, Chandran A, DeFreese JD, Mannix R, Echemendia RJ, Meehan WP 3rd, McCrea M, Guskiewicz KM, Kerr ZY. Mild Cognitive Impairment and Dementia Reported by Former Professional Football Players over 50 Years of Age: An NFL-LONG Study. *Med Sci Sports Exerc.* 2021 Sep 28. doi: 10.1249/MSS.0000000000002802. Epub ahead of print. PMID: 34593716.

Nordberg B, Lopez-Hernandez DW, Bueno A, Victor TL, Saravia S, Baez AJ, Sidhu J, Munoz I, Cantu RC, Guskiewicz KM, Kelly DF, Swerdloff R, Hardy DJ, Woo E, Litvin PY, Wright MJ, A-122 Verbal Fluency Switching and Clustering Performance in Retired Professional Football Players, *Archives of Clinical Neuropsychology*, Volume 36, Issue 6, September 2021, Page 1172, <https://doi.org/10.1093/arclin/acab062.140>

Lopez-Hernandez D, Nordberg B, Bueno A, Litvin P, Bichlmeier A, Smith K, Olmos W, Sidhu J, Saravia S, Mangassarian S, Fatoorechi S, Hardy D, Woo E, Schmitter-Edgecombe M, Cantu R, Guskiewicz K, Kelly D, Swerdloff R, Wright M. (2021). A-104 Examining Methods of Executive Ability from Trail Making Test Part B in Retired Football Players. *Archives of Clinical Neuropsychology*. 36. 1153-1153. 10.1093/arclin/acab062.122.

Caccese J, Schmidt J, Moody J, Broglio S, McAllister T, McCrea M, Pasquina P, Buckley T, Investigators CC. Association between sports participation history and age of first exposure to high-risk sports with concussion history. *Res Sports Med.* 2021 Aug 17:1-13. doi: 10.1080/15438627.2021.1966008. Epub ahead of print. PMID: 34402703.

Walton SR, Kerr ZY, Brett BL, Chandran A, DeFreese JD, Smith-Ryan AE, Stoner L, Echemendia RJ, McCrea M, Meehan III WP, Guskiewicz KM. Health-promoting behaviours and concussion history are associated with cognitive function, mood-related symptoms and emotional-behavioural dyscontrol in former NFL players: an NFL-LONG Study. *Br J Sports Med.* 2021 Jun;55(12):683-690. doi: 10.1136/bjsports-2020-103400. Epub 2021 Jan 4. PMID: 33397673.

Espinoza TR, Hendershot KA, Liu B, Knezevic A, Jacobs BB, Gore RK, Guskiewicz KM, Bazarrian JJ, Phelps SE, Wright DW, LaPlaca MC. A Novel Neuropsychological Tool for Immersive Assessment of Concussion and Correlation with Subclinical Head Impacts. *Neurotrauma Reports.* Jan 2021.232-244.<http://doi.org/10.1089/neur.2020.0022>

Brett, BL; Meier, TB; Savitz, J; Guskiewicz, KM; McCrea, MA; Research Letter, *Journal of Head Trauma Rehabilitation*: February 22, 2021 - Volume Publish Ahead of Print - Issue - doi: 10.1097/HTR.0000000000000663

Bobholz SA, Brett BL, España LY, Huber DL, Mayer AR, Harezlak J, Broglio SP, McAllister T, McCrea MA, Meier TB; CARE Consortium Investigators. Prospective study of the association between sport-related concussion and brain morphometry (3T-MRI) in collegiate athletes: study from the NCAA-DoD CARE Consortium. *Br J Sports Med.* 2021 Feb;55(3):169-174. doi: 10.1136/bjsports-2020-102002. Epub 2020 Sep 11. PMID: 32917671; PMCID: PMC7855484.

Giza CC, McCrea M, Huber D, Cameron KL, 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, Foroud T, Katz B, Saykin A, Campbell DE, Svoboda S. 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 Netw Open.* 2021 Feb 1;4(2):e2037731. doi: 10.1001/jamanetworkopen.2020.37731. PMID: 33616662.

McCrea MA, Shah A, Duma S, et al. Opportunities for Prevention of Concussion and Repetitive Head Impact Exposure in College Football Players: A Concussion Assessment, Research, and Education (CARE) Consortium Study. *JAMA Neurol*. Published online February 01, 2021. doi:10.1001/jamaneurol.2020.5193

Kerr ZY, Prim J, DeFreese JD, Thomas LC, Simon JE, Carneiro KA, Marshall SW, Guskiewicz KM. Musculoskeletal Injury History Is Associated With Lower Physical and Mental Health in a Historical Cohort of Former National Football League Players. *J Sport Rehabil*. 2021 Jan 25;30(5):760-767. doi: 10.1123/jsr.2020-0231. PMID: 33494044.

Brett BL, Walton SR, Kerr ZY, Echemendia RJ, Guskiewicz KM et al. Distinct latent profiles based on neurobehavioural, physical and psychosocial functioning of former National Football League (NFL) players: an NFL-LONG Study. *Journal of Neurology, Neurosurgery & Psychiatry* Published Online First: 22 January 2021. doi: 10.1136/jnnp-2020-324244

Lempke LB, Lynall RC, Le RK, McCrea M, McAllister T, Schmidt JD; CARE Consortium Investigators. Correction to: The Effects of On-Field Heat Index and Altitude on Concussion Assessments and Recovery Among NCAA Athletes. *Sports Med*. 2021 Jan 25. doi: 10.1007/s40279-020-01425-2. Epub ahead of print. Erratum for: *Sports Med*. 2020 Dec 17;; PMID: 33492624.

Mihalik JP, Chandran A, Powell JR, Roby PR, Guskiewicz KM, Stemper BD, Shah AS, Rowson S, Duma S, Harezlak J, Riggan LD, Broglio SP, McAllister TW, McCrea M, & CARE Consortium Investigators. Do head injury biomechanics predict clinical recovery in college American football players? *Annals of Biomedical Engineering*. 2020. <https://doi.org/10.1007/s10439-020-02658-y>

Cools, M. J., Northam, W. T., Boyd, M., Alexander, A., Mihalik, J. P., Guskiewicz, K. M., & Carneiro, K. A. (2020). Evaluating Primary Care Management of Acute Sport-Related Concussion, *International Journal of Athletic Therapy and Training*, 1-6. Retrieved Mar 10, 2021, from <https://journals.humankinetics.com/view/journals/ijatt/aop/article-10.1123-ijatt.2019-0131/article-10.1123-ijatt.2019-0131.xml>

Campbell KR, Marshall SW, Luck JF, Pinton GF, Stitzel JD, Boone JS, Guskiewicz KM, Mihalik JP. Head Impact Telemetry System's Video-based Impact Detection and Location Accuracy. *Med Sci Sports Exerc*. 2020 Oct;52(10):2198-2206. doi: 10.1249/MSS.0000000000002371. PMID: 32936594; PMCID: PMC7503201.

Wright MJ, Monti MM, Lutkenhoff ES, Hardy DJ, Litvin PY, Kelly DF, Guskiewicz K, Cantu RC, Vespa PM, Hovda DA, Lopez WD, Wang C, Swerdloff R, Fuster JM. Memory in repeat sports-related concussive injury and single-impact traumatic brain injury. *Brain Inj*. 2020 Oct 14;34(12):1666-1673. doi: 10.1080/02699052.2020.1825806. Epub 2020 Sep 29. PMID: 32990043.

Pattinson CL, Meier TB, Guedes VA, et al. Plasma Biomarker Concentrations Associated With Return to Sport Following Sport-Related Concussion in Collegiate Athletes-A Concussion Assessment, Research, and Education (CARE) Consortium Study. *JAMA Netw Open*. 2020;3(8):e2013191. Published 2020 Aug 3. doi:10.1001/jamanetworkopen.2020.13191

Wu YC, Harezlak J, Elsaid NMH, Lin Z, Wen Q, Mustafi SM, Riggan LD, Koch KM, Nencka AS, Meier TB, Mayer AR, Wang Y, Giza CC, DiFiori JP, Guskiewicz KM, Mihalik JP, LaConte SM, Duma SM, Broglio SP, Saykin AJ, McCrea MA, McAllister TW. *Neurology*. 2020 Jul 8. pii: 10.1212/WNL.0000000000009930. doi: 10.1212/WNL.0000000000009930.

Northam, WT; Cools, MJ; Chandran, A; Alexander, A; Mihalik, JP; Guskiewicz, KM; Carneiro, KA. Sports Medicine Fellowship Training Improves Sport-related Concussion Evaluation, *Current Sports Medicine Reports*: July 2020 - Volume 19 - Issue 7 - p 272-276 doi: 10.1249/JSR.0000000000000730

Eckner JT, Wang J, Nelson LD, Bancroft R, Pohorence M, He X, Broglio SP, Giza CC, Guskiewicz KM, Kutcher JS, McCrea M. Effect of Routine Sport Participation on Short-Term Clinical Neurological Outcomes: A Comparison of Non-Contact, Contact, and Collision Sport Athletes. *Sports Med.* 2020 May;50(5):1027-1038. doi: 10.1007/s40279-019-01200-y. PMID: 31637659.

Brett BL, Breedlove K, McAllister TW, Broglio SP, McCrea MA; CARE Consortium Investigators, Hoy AMR, Hazzard JB Jr, Kelly LA, Port N, Putukian M, Pasquina P, Jackson J, McGinty G, O'Donnell P, Cameron KL, Houston MN, Giza C, Benjamin HJ, Buckley T, Clugston JR, Schmidt JD, Feigenbaum LA, Mihalik JP, Guskiewicz K, Anderson S, Master CL, Collins MW, Kontos AP, Chrisman SPD, Brooks MA, Rowson S, Miles CM, Susmarski A. Investigating the Range of Symptom Endorsement at Initiation of a Graduated Return-to-Play Protocol After Concussion and Duration of the Protocol: A Study From the National Collegiate Athletic Association-Department of Defense Concussion, Assessment, Research, and Education (CARE) Consortium. *Am J Sports Med.* 2020 Apr 16:363546520913252. doi: 10.1177/0363546520913252

Brett BL, Wu Y-C, Mustafi S, Saykin AJ, Koch KM, Nencka AS, Giza C, Goldman J, Guskiewicz KM, Mihalik JP, Duma S, Broglio SP, McAllister TW, McCrea MA, & Meier TB. (2019). The association between persistent white-matter abnormalities and risk of repeat injury after sport-related concussion. *Front Neurol.* 2020 Jan 21;10:1345. doi: 10.3389/fneur.2019.01345.

Register-Mihalik JK, Guskiewicz KM, Marshall SW, McCulloch KL, Mihalik JP, Mrazik M, Murphy I, Naidu D, Ranapurwala SI, Schneider K, Gildner P, McCrea M, & the Active Rehab Study Consortium Investigators. (2019). Methodology and implementation of a randomized controlled trial (RCT) for early post-concussion rehabilitation: The Active Rehab Study. *Frontiers in Neurology.* (In Press). DOI: 10.3389/fneur.2019.01176.

Meier TB, Giraldo-Chica M, España LY, Mayer AR, Harezlak J, Nencka AS, Wang Y, Koch KM, Wu YC, Saykin AJ, Giza CC, Goldman J, DiFiori JP, Guskiewicz KM, Mihalik JP, Brooks A, Broglio SP, McAllister T, McCrea MA. Resting-State fMRI Metrics in Acute Sport-Related Concussion and Their Association with Clinical Recovery: A Study from the NCAA-DOD CARE Consortium. *J Neurotrauma.* 2020 Jan 1; 37 (1); 152-162. doi: 10.1089/neu.2019.6471

McCrea M, Broglio S, McAllister T, Zhou W, Zhao S, Katz B, Kudela M, Harezlak J, Nelson L, Meier T, Marshall SW, Guskiewicz KM; CARE Consortium Investigators. Return to play and risk of repeat concussion in collegiate football players: comparative analysis from the NCAA Concussion Study (1999-2001) and CARE Consortium (2014-2017). *Br J Sports Med.* 2020 Jan;54(2):102-109. doi: 10.1136/bjsports-2019-100579

McCrea M, Broglio SP, McAllister TW, Gill J, Giza CC, Huber DL, Harezlak J, Cameron KL, Houston MN, McGinty G, Jackson JC, Guskiewicz K, Mihalik J, Brooks MA, Duma S, Rowson S, Nelson LD, Pasquina P, Meier TB; and the CARE Consortium Investigators, Foroud T, Katz BP, Saykin AJ, Campbell DE, Svoboda SJ, Goldman J, DiFiori J. Association of Blood Biomarkers with Acute Sport-Related Concussion in Collegiate Athletes: Findings from the NCAA and Department of Defense CARE Consortium. *JAMA.* 2020; Jan 3;3(1):e1919771. doi:10.1001/jamanetworkopen.2019.19771

DeFreese JD, Baum MJ, Schmidt JD, Goerger BM, Barczak N, Guskiewicz KM, Mihalik JP. Effects of College Athlete Life Stressors on Baseline Concussion Measures. *J Sport Rehabil.* 2019 Dec 6;29(7):976-983. doi: 10.1123/jsr.2018-0378. PMID: 31810056.

Register-Mihalik JK, Guskiewicz KM, Marshall SW, McCulloch KL, Mihalik JP, Mrazik M, Murphy I, Naidu D, Ranapurwala SI, Schneider K, Gildner P, McCrea M; Active Rehab Study Consortium Investigators. Methodology and Implementation of a Randomized Controlled Trial (RCT) for Early Post-concussion

Rehabilitation; The Active Rehab Study. *Front Neurol.* 2019 Nov 8; 10: 1176. doi: 10.3389/fneur.2019.01176

Song K, Wikstrom EA, Tennant JN, Guskiewicz KM, Marshall SW, Kerr ZY. Osteoarthritis prevalence in retired national football league players with a history of ankle injuries and surgery. *J Athl Train.* 2019 Nov; 54 (11):1165–1170.

Champagne AA, Distefano V, Boulanger MM, Magee B, Coverdale NS, Gallucci D, Guskiewicz K, Cook DJ. Data-informed Intervention Improves Football Technique and Reduces Head Impacts. *Med Sci Sports Exerc.* 2019 Nov;51(11):2366-2374. doi: 10.1249/MSS.0000000000002046

Davies MAM, Kerr ZY, DeFreese JD, Arden NK, Marshall SW, Guskiewicz KM, et al. Prevalence of and risk factor for total hip and knee replacement in retired national football league athletes. *Am J Sports Med.* 2019 Oct; 47 (12):2863–2870.

Stemper BD, Shah AS, Harezlak J, Rowson S, Duma S, Mihalik JP, Riggen LD, Brooks A, Cameron KL, Giza CC, Houston MN, Jackson J, Posner MA, McGinty G, DiFiori J, Broglio SP, McAllister TW, McCrea M; And the CARE Consortium Investigators. Repetitive Head Impact Exposure in College Football Following an NCAA Rule Change to Eliminate Two-A-Day Preseason Practices: A Study from the NCAA-DoD CARE Consortium. *Ann Biomed Eng.* 2019 Oct;47(10):2073-2085. doi: 10.1007/s10439-019-02335-9

Rowson S, Campoletano ET, Duma SM, Stemper B, Shah A, Harezlak J, Riggen L, Mihalik JP, Guskiewicz KM, Giza C, Brooks A, Cameron K, McAllister T, Broglio SP, McCrea M. Accounting for Variance in Concussion Tolerance Between Individuals: Comparing Head Accelerations Between Concussed and Physically Matched Control Subjects. *Ann Biomed Eng.* 2019 Oct;47(10):2048-2056. doi: 10.1007/s10439-019-02329-7

Swartz EE, Myers JL, Cook SB, Guskiewicz KM, Ferrara MS, Cantu RC, Chang H, Broglio SP. A helmetless-tackling intervention in American football for decreasing head impact exposure: A randomized controlled trial. *J Sci Med Sport.* 2019 Oct;22(10):1102-1107. doi: 10.1016/j.jsams.2019.05.018

Teel EF, Marshall SW, Appelbaum LG, Battaglini CL, Carneiro KA, Guskiewicz KM, Register-Mihalik JK, Mihalik JP. A Randomized Controlled Trial Investigating the Feasibility and Adherence to an Aerobic Training Program in Healthy Individuals. *J Sport Rehabil.* 2019 Sep 1;28(7):692-698. doi: 10.1123/jsr.2018-0007

Klein AP, Tetzlaff JE, Bonis JM, Nelson LD, Mayer AR, Huber DL, Harezlak J, Mathews VP, Ulmer JL, Sinson GP, Nencka AS, Koch KM, Wu YC, Saykin AJ, DiFiori JP, Giza CC, Goldman J, Guskiewicz KM, Mihalik JP, Duma SM, Rowson S, Brooks A, Broglio SP, McAllister T, McCrea MA, Meier TB. Prevalence of Potentially Clinically Significant Magnetic Resonance Imaging Findings in Athletes with and without Sport-Related Concussion. *J Neurotrauma.* 2019 Jun;36(11):1776-1785. doi: 10.1089/neu.2018.6055

Lynall RC, Blackburn JT, Guskiewicz KM, Marshall SW, Plummer P, Mihalik JP. Functional balance assessment in recreational college-aged individuals with a concussion history. *J Sci Med Sport.* 2019 May;22(5):503-508. doi: 10.1016/j.jsams.2018.10.012

Dompier TP, Kucera KL, Drezner JA, Casa DJ, Register-Mihalik JK, Guskiewicz KM. Sudden Death and Catastrophic Injury Reporting: A Call to Action for Athletic Trainers. *J Athl Train.* 2019 Feb;54(2):122-123. doi: 10.4085/1062-6050-77-18

Murray NG, Szekely B, Moran R, Ryan G, Powell D, Munkasy BA, Buckley TA, Guskiewicz K. Concussion history associated with increased postural control deficits after subsequent injury. *Physiol Meas.* 2019 Feb 20;40(2):024001. doi: 10.1088/1361-6579/aafcd8

Vander Vegt CB, Register-Mihalik JK, Ford CB, Rodrigo CJ, Guskiewicz KM, Mihalik JP. Baseline Concussion Clinical Measures Are Related to Sensory Organization and Balance. *Med Sci Sports Exerc.* 2019 Feb;51(2):264-270. doi: 10.1249/MSS.0000000000001789

Register-Mihalik JK, Sarmiento K, Vander Vegt CB, Guskiewicz KM. Considerations for Athletic Trainers: A Review of Guidance on Mild Traumatic Brain Injury Among Children From the Centers for Disease Control and Prevention and the National Athletic Trainers' Association. *J Athl Train.* 2019 Jan;54(1):12-20. doi: 10.4085/1062-6050-451-18

Teel EF, Register-Mihalik JK, Appelbaum LG, Battaglini CL, Carneiro KA, Guskiewicz KM, Marshall SW, Mihalik JP. Randomized Controlled Trial Evaluating Aerobic Training and Common Sport-Related Concussion Outcomes in Healthy Participants. *J Athl Train.* 2018 Dec; 53(12):1156-1165. doi: 10.4085/1062-6050-7-18

Stemper BD, Shah AS, Harezlak J, Rowson S, Mihalik JP, Duma SM, Riggan LD, Brooks A, Cameron KL, Campbell D, DiFiori JP, Giza CC, Guskiewicz KM, Jackson J, McGinty GT, Svoboda SJ, McAllister TW, Broglio SP, McCrea M; CARE Consortium Investigators. Comparison of Head Impact Exposure Between Concussed Football Athletes and Matched Controls: Evidence for a Possible Second Mechanism of Sport-Related Concussion. *Ann Biomed Eng.* 2019 Oct;47(10):2057-2072. doi: 10.1007/s10439-018-02136-6

Register-Mihalik JK, Williams RM, Marshall SW, Linnan LA, Mihalik JP, Guskiewicz KM, Valovich McLeod TC. Demographic, parental, and personal factors influence youth athletes' concussion-related knowledge and beliefs. *Journal of Athletic Training.* 2018, Vol.53, No.8, 768-775.

Lumba-Brown A, Yeates KO, Sarmiento K, Breiding MJ, Haegerich TM, Gioia GA, Turner M, Benzel EC, Suskauer SJ, Giza CC, Joseph M, Broomand C, Weissman B, Gordon W, Wright DW, Moser RS, McAvoy K, Ewing-Cobbs L, Duhaime AC, Putukian M, Holshouser B, Paulk D, Wade SL, Herring SA, Halstead M, Keenan HT, Choe M, Christian CW, Guskiewicz K, Raksin PB, Gregory A, Mucha A, Taylor HG, Callahan JM, DeWitt J, Collins MW, Kirkwood MW, Ragheb J, Ellenbogen RG, Spinks TJ, Ganiats TG, Sabelhaus LJ, Althenhofen K, Hoffman R, Getchius T, Gronseth G, Donnell Z, O'Connor RE, Timmons SD. Diagnosis and Management of Mild Traumatic Brain Injury in Children: A Systematic Review. *JAMA Pediatr.* 2018 Nov 1;172(11):e182847. doi: 10.1001/jamapediatrics.2018.2847

Lumba-Brown A, Yeates KO, Sarmiento K, Breiding MJ, Haegerich TM, Gioia GA, Turner M, Benzel EC, Suskauer SJ, Giza CC, Joseph M, Broomand C, Weissman B, Gordon W, Wright DW, Moser RS, McAvoy K, Ewing-Cobbs L, Duhaime AC, Putukian M, Holshouser B, Paulk D, Wade SL, Herring SA, Halstead M, Keenan HT, Choe M, Christian CW, Guskiewicz K, Raksin PB, Gregory A, Mucha A, Taylor HG, Callahan JM, DeWitt J, Collins MW, Kirkwood MW, Ragheb J, Ellenbogen RG, Spinks TJ, Ganiats TG, Sabelhaus LJ, Althenhofen K, Hoffman R, Getchius T, Gronseth G, Donnell Z, O'Connor RE, Timmons SD. Centers for Disease Control and Prevention Guideline on the Diagnosis and Management of Mild Traumatic Brain Injury Among Children. *JAMA Pediatr.* 2018 Nov 1;172(11):e182853. doi: 10.1001/jamapediatrics.2018.2853

Wang Y, Nencka AS, Meier TB, Guskiewicz KM, Mihalik JP, Brooks MA, Saykin AJ, Koch KM, Wu YC, Nelson LD, McAllister TW, Broglio SP, McCrea MA. Cerebral blood flow in acute concussion: preliminary ASL findings from the NCAA-DoD CARE consortium. *Brain Imaging and Behavior.* 2019, Vol.13, No.5,1375–1385.

Gong N, Kuzminski S, Clark MD, Fraser M, Sundman M, Guskiewicz K, Petrella J, Liu C. Microstructural Alterations of Cortical and Deep Gray Matter Over a Season of High School Football Revealed by Diffusion Kurtosis Imaging. *Neurobiol Dis.* 2018 Jul 23;119:7987.

Weber ML, Dean JL, Hoffman NL, Broglio SP, McCrea M, McAllister TW, Schmidt JD; CARE Consortium Investigators, Hoy AR, Hazzard JB, Kelly LA, Ortega JD, Port N, Putukian M, Langford TD, Tierney R, Campbell DE, McGinty G, O'Donnell P, Svoboda SJ, DiFiori JP, Giza CC, Benjamin HJ, Buckley T, Kaminski

TW, Clugston JR, Feigenbaum LA, Eckner JT, Guskiewicz K, Mihalik JP, Miles JD, Anderson S, Master CL, Collins M, Kontos AP, Bazarian JJ, Chrisman SPD, Brooks A, Duma S, Bullers CT, Miles CM, Dykhuizen BH. Influences of Mental Illness, Current Psychological State, and Concussion History on Baseline Concussion Assessment Performance. *Am J Sports Med.* 2018 Jun;46(7):1742-1751. doi: 10.1177/0363546518765145

Kerr ZY, Thomas LC, Simon JE, McCrea M, Guskiewicz KM. Association Between History of Multiple Concussions and Health Outcomes Among Former College Football Players: 15-Year Follow-up From the NCAA Concussion Study (1999-2001). *Am J Sports Med.* 2018 Jun;46(7):1733-1741. doi: 10.1177/0363546518765121

Broglio SP, Katz BP, Zhao S, McCrea M, McAllister T; CARE Consortium Investigators. Correction to: Test-Retest Reliability and Interpretation of Common Concussion Assessment Tools: Findings from the NCAA-DoD CARE Consortium. *Sports Med.* 2018 Jul;48(7):1761. doi: 10.1007/s40279-018-0906-4

Asken BM, Bauer RM, Guskiewicz KM, McCrea MA, Schmidt JD, Giza CC, Snyder AR, Houck ZM, Kontos AP, McAllister TW, Broglio SP, Clugston JR; CARE Consortium Investigators, Anderson S, Bazarian J, Brooks A, Buckley T, Chrisman S, Collins M, DiFiori J, Duma S, Dykhuizen B, Eckner JT, Feigenbaum L, Hoy A, Kelly L, Langford TD, Lintner L, McGinty G, Mihalik J, Miles C, Ortega J, Port N, Putukian M, Rowson S, Svoboda S. Immediate Removal From Activity After Sport-Related Concussion Is Associated With Shorter Clinical Recovery and Less Severe Symptoms in Collegiate Student-Athletes. *Am J Sports Med.* 2018 May;46(6):1465-1474. doi: 10.1177/0363546518757984

Beckwith JG, Zhao W, Ji S, Ajamil AG, Bolander RP, Chu JJ, McAllister TW, Crisco JJ, Duma SM, Rowson S, Broglio SP, Guskiewicz KM, Mihalik JP, Anderson S, Schnebel B, Gunnar Broinson P, Collins MW, Greenwald RM. Estimated Brain Tissue Response Following Impacts Associated With and Without Diagnosed Concussion. *Ann Biomed Eng.* 2018 Jun;46(6):819-830. doi: 10.1007/s10439-018-1999-5

Lynall RC, Blackburn JT, Guskiewicz KM, Marshall SW, Plummer P, Mihalik JP. Reaction Time and Joint Kinematics During Functional Movement in Recently Concussed Individuals. *Arch Phys Med Rehabil.* 2018 May;99(5):880-886. doi: 10.1016/j.apmr.2017.12.011

Kuzminski S, Clark MD, Fraser M, Haswell C, Morey R, Liu C, Choudhury KR, Guskiewicz K, Petrella JR. White Matter Changes Related to Subconcussive Impact Frequency During a Single Season of High School Football. *Am J Neuroradiol.* 2018 Feb 3, 9 (2):245-251.

Santo A, Lynall RC, Guskiewicz KM, Mihalik JP. Clinical Utility of the Sport Concussion Assessment Tool 3 (SCAT3) Tandem-Gait Test in High School Athletes. *J Athl Train.* 2017 Dec;52(12):1096-1100. doi: 10.4085/1062-6050-52.11.26

Trexler ET, Smith-Ryan AE, Defreese JD, Marshall SW, Guskiewicz KM, Kerr ZY. Associations between BMI Change and Cardiometabolic Risk in Retired Football Players. *Med Sci Sports Exerc.* 2018;50(4):684-690.

Broglio SP, Katz BP, Zhao S, McCrea M, McAllister T; CARE Consortium Investigators. Test-Retest Reliability and Interpretation of Common Concussion Assessment Tools: Findings from the NCAA-DoD CARE Consortium. *Sports Med.* 2018 May;48(5):1255-1268. doi: 10.1007/s40279-017-0813-0

Rowson S, Duma SM, Stemper BD, Shah A, Mihalik JP, Harezlak J, Riggan LD, Giza CC, DiFiori JP, Brooks A, Guskiewicz K, Campbell D, McGinty G, Svoboda SJ, Cameron KL, Broglio SP, McAllister TW, McCrea M. Correlation of Concussion Symptom Profile with Head Impact Biomechanics: A Case for Individual-Specific Injury Tolerance. *J Neurotrauma.* 2018 Feb 15;35(4):681-690. doi: 10.1089/neu.2017.5169

Echemendia RJ, Broglio SP, Davis GA, Guskiewicz KM, Hayden KA, Leddy JJ, Meehan WP 3rd, Putukian M, Sullivan SJ, Schneider KJ, McCrory P. What tests and measures should be added to the SCAT3 and related

tests to improve their reliability, sensitivity and/or specificity in sideline concussion diagnosis? A systematic review. *Br J Sports Med.* 2017 Jun;51(11):895-901. doi: 10.1136/bjsports-2016-097466

Clark MD & Varangis EML, Champagne A, Giovanello K, Shi F, Kerr Z, Smith JK, Guskiewicz K. Effects of Career Duration, Concussion History, and Playing Position on White Matter Microstructure and Functional Neural Recruitment in Former College and Professional Football Athletes. *Radiology.* 2018 Mar;286(3):967-977.

Mustafi SM, Harezlak J, Koch KM, Nencka AS, Meier TB, West JD, Giza CC, DiFiori JP, Guskiewicz KM, Mihalik JP, LaConte SM, Duma SM, Broglio SP, Saykin AJ, McCrea M, McAllister TW, Wu YC. Acute White-Matter Abnormalities in Sports-Related Concussion: A Diffusion Tensor Imaging Study from the NCAA-DoD CARE Consortium. *J Neurotrauma.* 2018 Nov 15;35(22):2653-2664. doi: 10.1089/neu.2017.5158

Nencka AS, Meier TB, Wang Y, Muftuler LT, Wu YC, Saykin AJ, Harezlak J, Brooks MA, Giza CC, DiFiori J, Guskiewicz KM, Mihalik JP, LaConte SM, Duma SM, Broglio S, McAllister T, McCrea MA, Koch KM. Stability of MRI metrics in the advanced research core of the NCAA-DoD concussion assessment, research and education (CARE) consortium. *Brain Imaging Behav.* 2018 Aug;12(4):1121-1140. doi: 10.1007/s11682-017-9775-y

Nelson LD, Furger RE, Ranson J, Tarima S, Hammeke TA, Randolph C, Barr WB, Guskiewicz K, Olsen CM, Lerner EB, McCrea MA. Acute Clinical Predictors of Symptom Recovery in Emergency Department Patients with Uncomplicated Mild Traumatic Brain Injury or Non-Traumatic Brain Injuries. *J Neurotrauma.* 2018 Jan 15;35(2):249-259. doi: 10.1089/neu.2017.4988

Kerr ZY, Register-Mihalik JK, Kay MC, DeFreese JD, Marshall SW, Guskiewicz KM. Concussion Nondisclosure During Professional Career Among a Cohort of Former National Football League Athletes. *Am J Sports Med.* 2018 Jan;46(1):22-29. doi: 10.1177/0363546517728264

McCrary P, Meeuwisse W, Dvorak J, Aubry M, Bailes J, Broglio S, Cantu RC, Cassidy D, Echemendia RJ, Castellani RJ, Davis GA, Ellenbogen R, Emery C, Engebretsen L, Feddermann-Demont N, Giza CC, Guskiewicz KM, Herring S, Iverson GL, Johnston KM, Kissick J, Kutcher J, Leddy JJ, Maddocks D, Makdissi M, Manley G, McCrea M, Meehan WP, Nagahiro S, Patricios J, Putukian M, Schneider KJ, Sills A, Tator CH, Turner M, Vos PE. Consensus statement on concussion in sport—the 5th international conference on concussion in sport held in Berlin, October 2016. *Br J Sports Med.* 2017 Jun;51(11):838-847. doi: 10.1136/bjsports-2017-097699

Lynall RC, Pietrosimone B, Kerr ZY, Mauntel TC, Mihalik JP, Guskiewicz KM. Osteoarthritis prevalence in retired national football league players with a history of concussion and lower extremity injury. *J Athl Train.* 2017 Jun 2;52(6):518–525.

Fraser MA, Grooms DR, Guskiewicz KM, Kerr ZY. Ball-Contact Injuries in 11 National Collegiate Athletic Association Sports: The Injury Surveillance Program, 2009-2010 Through 2014-2015. *J Athl Train.* 2017 Jul;52(7):698-707. doi: 10.4085/1062-6050-52.3.10

Mihalik JP, Sumrall AZ, Yeargin SW, Guskiewicz KM, King KB, Trulock SC, Shields EW. Environmental and Physiological Factors Affect Football Head Impact Biomechanics. *Med Sci Sports Exerc.* 2017 Oct;49(10):2093-2101. doi: 10.1249/MSS.0000000000001325

Makdissi M, Schneider KJ, Feddermann-Demont N, Guskiewicz KM, Hinds S, Leddy JJ, McCrea M, Turner M, Johnston KM. Approach to investigation and treatment of persistent symptoms following sport-related concussion: a systematic review. *Br J Sports Med.* 2017 Jun;51(12):958-968. doi: 10.1136/bjsports-2016-097470

Manley GT, Gardner AJ, Schneider KJ, Guskiewicz KM, Bailes J, Cantu RC, Castellani RJ, Turner M, Jordan BD, Randolph C, Dvořák J, Hayden A, Tator CH, McCrory P, Iverson GL. A systematic review of potential long-term effects of sport-related concussion. *British Journal of Sports Medicine*. Published online April 28, 2017. doi: 10.1136/bjsports-2017-097791

Echemendia RJ, Meeuwisse W, McCrory P, Davis GA, Putukian M, Leddy J, Makdissi M, Sullivan SJ, Broglio SP, Raftery M, Schneider K, Kissick J, McCrea M, Dvorak J, Sills AK, Aubry M, Engebretsen L, Lossemore M, Fuller G, Kutcher J, Ellenbogen R, Guskiewicz KM, Patricios J, Herring S. The Concussion Recognition Tool 5th Edition (CRT5). *British Journal of Sports Medicine*. Published online April 28, 2017. doi: 10.1136/bjsports-2017-097508

Echemendia RJ, Meeuwisse W, McCrory P, Davis GA, Putukian M, Leddy J, Makdissi M, Sullivan SJ, Broglio SP, Raftery M, Schneider K, Kissick J, McCrea M, Dvorak J, Sills AK, Aubry M, Engebretsen L, Lossemore M, Fuller G, Kutcher J, Ellenbogen R, Guskiewicz KM, Patricios J, Herring S. The Sport Concussion Assessment Tool 5th Edition (SCAT5). *British Journal of Sports Medicine*. Published online April 28, 2017. doi: 10.1136/bjsports-2017-097506

McCrea MA, Nelson LD, Guskiewicz K. Diagnosis and Management of Acute Concussion. *Phys Med Rehabil Clin N Am*. 2017 May;28(2):271-286. doi: 10.1016/j.pmr.2016.12.005

Broglio SP, Guskiewicz KM, & Norwig J. If you're not measuring, you're guessing: the advent of objective concussion assessments. *Journal of Athletic Training*. 2017 52(3):160-6.

Teel EF, Marshall SW, Viswanathan S, McCrea M, Guskiewicz KM. Predicting Recovery Patterns After Sport-Related Concussion. *Journal of Athletic Training*. 2017 52(3):288-98.

Nelson LD, Furger RE, Gikas P, Lerner EB, Barr WB, Hammeke TA, Randolph C, Guskiewicz K, McCrea MA. Prospective, Head-to-Head Study of Three Computerized Neurocognitive Assessment Tools Part 2: Utility for Assessment of Mild Traumatic Brain Injury in Emergency Department Patients. *J Int Neuropsychol Soc*. 2017 Apr;23(4):293-303. doi: 10.1017/S1355617717000157

Schneider KJ, Leddy JJ, Guskiewicz KM, et al. Rest and treatment/rehabilitation following sport-related concussion: a systematic review. *Br J Sports Med* 2017; 51:930-4.

Clark MD, Asken B, Marshall S, Guskiewicz K. Descriptive Characteristics of Concussions in National Football League Games, 2010-11 to 2013-14. *Am J Sports Med*. 2017 Mar;45(4):929-36.

Kucera KL, Yau RK, Register-Mihalik J, Marshall SW, Thomas LC, Wolf S, Cantu RC, Mueller FO, Guskiewicz KM. Traumatic Brain and Spinal Cord Fatalities Among High School and College Football Players - United States, 2005-2014. *MMWR Morb Mortal Wkly Rep*. 2017 Jan 6;65(52):1465-1469. doi: 10.15585/mmwr.mm6552a2

Gates KM, Lane ST, Varangis E, Giovanello K, Guskiewicz K. Unsupervised Classification During Time-Series Model Building. *Multivariate Behav Res*. 2017 Mar-Apr;52(2):129-148. doi: 10.1080/00273171.2016.1256187

Mihalik JP, Lynall RC, Wasserman EB, Guskiewicz KM, Marshall SW. Evaluating the "Threshold Theory": Can Head Impact Indicators Help? *Med Sci Sports Exerc*. 2017 Feb;49(2):247-253. doi: 10.1249/MSS.0000000000001089

Register-Mihalik JK, Valovich McLeod TC, Linnan LA, Guskiewicz KM, Marshall SW. Relationship Between Concussion History and Concussion Knowledge, Attitudes, and Disclosure Behavior in High School Athletes. *Clin J Sport Med*. 2017 May;27(3):321-324. doi: 10.1097/JSM.0000000000000034

Marshall SW, Guskiewicz KM, Shankar V, McCrea M, Cantu RC. Epidemiology of sports-related concussion in seven US high school and collegiate sports. *Inj Epidemiol*. 2015 Dec;2(1):13

Collins MW, Kontos AP, Okonkwo DO, Almquist J, Bailes J, Barisa M, Bazarian J, Bloom OJ, Brody DL, Cantu R, Cardenas J, Clugston J, Cohen R, Echemendia R, Elbin RJ, Ellenbogen R, Fonseca J, Gioia G, Guskiewicz K, Heyer R, Hotz G, Iverson GL, Jordan B, Manley G, Maroon J, McAllister T, McCrea M, Mucha A, Pieroth E, Podell K, Pombo M, Shetty T, Sills A, Solomon G, Thomas DG, Valovich McLeod TC, Yates T, Zafonte R. Statements of Agreement From the Targeted Evaluation and Active Management (TEAM) Approaches to Treating Concussion Meeting Held in Pittsburgh, October 15-16, 2015. *Neurosurgery*. 2016 Dec;79(6):912-929

Broglio SP, Baldwin G, Castellani RJ, Chrisman SP, Duma S, Hainline B, Gerstner JC, Guskiewicz K, Kutcher J, Lamba A, McCrea M, Pachman S, Randolph C, McLeod TCV. Summary of the 2015 University of Michigan Sport Concussion Summit. *Concussion*. 2016 Sep 23;1(4):CNC23. doi: 10.2217/cnc-2016-0007

Schmidt JD, Guskiewicz KM, Mihalik JP, Blackburn JT, Siegmund GP, Marshall S. Head Impact Magnitude in American High School Football. *Pediatrics*. 2016 Aug;138(2). pii: e20154231. doi: 10.1542/peds.2015-4231

Nelson LD, Tarima S, LaRoche AA, Hammeke TA, Barr WB, Guskiewicz K, Randolph C, McCrea MA. Preinjury somatization symptoms contribute to clinical recovery after sport-related concussion. *Neurology*. 2016 May 17;86(20):1856-63. doi: 10.1212/WNL.0000000000002679

Schmidt JD, Pierce AF, Guskiewicz KM, Register-Mihalik JK, Pamukoff DN, Mihalik JP. Safe-Play Knowledge, Aggression, and Head-Impact Biomechanics in Adolescent Ice Hockey Players. *J Athl Train*. 2016 May;51(5):366-72. doi: 10.4085/1062-6050-51.5.04

Nelson LD, Guskiewicz KM, Barr WB, Hammeke TA, Randolph C, Ahn KW, Wang Y, McCrea MA. Age Differences in Recovery After Sport-Related Concussion: A Comparison of High School and Collegiate Athletes. *J Athl Train*. 2016 Feb;51(2):142-52. doi: 10.4085/1062-6050-51.4.04

Wright MJ, Woo E, Birath JB, Siders CA, Kelly DF, Wang C, Swerdloff R, Romero E, Kernan C, Cantu RC, Guskiewicz K. An index predictive of cognitive outcome in retired professional American Football players with a history of sports concussion. *J Clin Exp Neuropsychol*. 2016;38(5):561-71. doi: 10.1080/13803395.2016.1139057

Swartz EE, Broglio SP, Cook SB, Cantu RC, Ferrara MS, Guskiewicz KM, Myers JL. Early Results of a Helmetless-Tackling Intervention to Decrease Head Impacts in Football Players. *J Athl Train*. 2015 Dec;50(12):1219-22. doi: 10.4085/1062-6050-51.1.06

Lynall RC, Schmidt JD, Mihalik JP, Guskiewicz KM. The Clinical Utility of a Concussion Rebaseline Protocol After Concussion Recovery. *Clin J Sport Med*. 2016 Jul;26(4):285-90. doi: 10.1097/JSM.0000000000000260

Littleton, AC, Register-Mihalik JK, Guskiewicz KM. (2015). Test-Retest Reliability of a Computerized Concussion Test: CNS Vital Signs. *Sports Health*. 7(5):443-7.

Perry, DC, Sturm VE, Peterson MJ, Pieper CF, Bullock T, Boeve BF, Miller BL, Guskiewicz KM, Berger MS, Kramer JH, Welsh-Bohmer KA. (2015). Association of Traumatic Brain Injury with Subsequent Neurological and Psychiatric Disease: a Meta-analysis. *J Neurosurg*. 2016 Feb;124(2):511-26. doi: 10.3171/2015.2.JNS14503

- Littleton, AC, Schmidt, JD, Register- Mihalik, JK, Gioia, GA, Waicus, KM, Mihalik, JP, Guskiewicz, KM. (2015). Effects of Attention Deficit Hyperactivity Disorder and Stimulant Medication on Concussion Symptom Reporting and Computerized Neurocognitive Test Performance. *Archives of Clinical Neurosurgery*. 30(7):683-93.
- Siegmund, GP, Guskiewicz, KM, Marshall, SW. Laboratory Validation of Two Wearable Sensor Symptoms for Measuring Head Impact Severity in Football Players. *Ann Biomed Eng*. 2016 Apr;44(4):1257-74. doi: 10.1007/s10439-015-1420-6
- Nelson, LD, Guskiewicz, KM, Marshall, SW, Hammeke, T, Barr, W, Randolph, C, McCrea M,A. (2015). Multiple Self-Reported Concussions are More Prevalent in Athletes with ADHD and Learning Disability. *Clin J Sport Med*. 2016 Mar;26(2):120-7. doi: 10.1097/JSM.0000000000000207
- Pietrosimone, B, Golightly YM, Mihalik, JP, Guskiewicz, KM. (2015). Concussion Frequency Associates with Musculoskeletal Injury in Retired NFL Players. *Medicine and Science in Sport and Exercise*. 47(11):2366-72.
- Guskiewicz, KM. (2015). Sport-Related Concussions: Paranoia or Legitimate Concern? *NC Medical Journal*. 76(2):93-4.
- Guskiewicz, KM, Broglio, SP. (2015). Acute Sports-Related Traumatic Brain Injury and Repetitive Concussion. *Handbook of Clinical Neurology*. 127:157-72.
- Kerr, ZY, Littleton, AC, Cox, LM, DeFreese, JD, Varangis E, Lynall, RC, Schmidt JD, Marshall, SW. Guskiewicz, KM. (2015). Estimating Contact Exposure in Football Using the Head Impact Exposure Estimate. *Journal of Neurotrauma*. 32(14):1083-9.
- Kerr, ZY, Mihalik JP, Guskiewicz, KG, Rosamond, WD, Evenson, KR, Marshall, SW. (2015). Agreement Between Athlete –Recalled and Clinically Documented Concussion Histories in Former Collegiate Athletes. *American Journal of Sports Medicine*. 43(3):606-13.
- Lynall RC and Guskiewicz KM. (2015). Concussion Research: New Horizons. *Lancet Neurology*. 14(1):14-6.
- Broglio SP, Cantu RC, Gioia GA, Guskiewicz, KM, Kutcher J, Palm M, Valovich McLeod TC. (2014). National Athletic Trainers' Association Position Statement: management of sport concussion. *Journal of Athletic Training*. 49(2):245-65.
- Siegmund GP, Guskiewicz KM, Marshall SW, DeMarco AL, Bonin SJ (2014). A headform for testing helmet and mouthguard sensors that measure head impact severity in football players. *Annals of Biomedical Engineering*. 42(9):1834-45.
- Mihalik JP, Moise KF, Ocwieja KE, Guskiewicz KM, & Register-Mihalik JK. (2014). The effects of player anticipation and involvement on head impact biomechanics in college football body collisions. *ASTM Selected Technical Papers 1552 on Symposium on the Mechanism of Concussion in Sports*. (In Press).
- Ingriselli JM, Register-Mihalik JK, Schmidt JD, Mihalik JP, Goerger BM, & Guskiewicz KM. (2014). Outcomes, utility, and feasibility of single task and dual task intervention programs: Preliminary implications for post-concussion rehabilitation. *J Science and Medicine in Sport*. 17(6):580-5.
- Rowson S, Duma SM, Greenwald RM, Beckwith JB, Chu JJ, Guskiewicz KM, Mihalik JP, Crisco JJ, Wilcox BJ, McAllister TW, Maerlender AC, Broglio SP, Schnebel B, Anderson S, & Broolinson PG. (2014). Can helmet design reduce the risk of concussion in football? Technical note. *Journal of Neurosurgery*. 121(2):492-3.

- Kerr ZY, Evenson KR, Rosamond WD, Mihalik JP, Guskiewicz KM, and Marshall SW. Association between concussion and mental health in former collegiate athletes. *Inj Epidemiol*. 2014 Dec;1(1):28
- Kerr ZY, Register-Mihalik JK, Marshall SW, Evenson K, Mihalik JP, Guskiewicz KM. Disclosure and non-disclosure of concussion and concussion symptoms in athletes: Review and application of the socio-ecological framework. *Brain Injury*. (2014). 28(8):1009-1021.
- Siegmund GP, Guskiewicz KM, Marshall SW, DeMarco AL, and Bonin SJ. A Headform for Testing Helmet and Mouthguard Sensors that Measure Head Impact Severity in Football Players. *Ann Biomed Eng* (2014) 42:1834-1845.
- Schmidt JD, Guskiewicz KM, Blackburn JT, Mihalik JP, Siegmund GP, Marshall SW (2014). The Influence of Cervical Muscle Characteristics on Head Impact Biomechanics in Football. *Am J Sports Med*. (Epub ahead of print).
- Schmidt JD, Guskiewicz KM, Mihalik JP, Blackburn JT, Siegmund GP, Marshall SW (2015). Does visual performance influence head impact severity in high school football athletes? *Clin J Sports Medicine*. 25(6):494-501.
- Harpham JA, Mihalik JP, Littleton AC, Frank BS, & Guskiewicz KM. (2014). The effect of visual and sensory performance on head impact biomechanics in college football players. *Annals of Biomedical Engineering*, 42(1), 1-10.
- Mihalik JP, Register-Mihalik JK, Kerr ZY, Marshall SW, McCrea MC, & Guskiewicz KM. (2013). The effect of posttraumatic migraine characteristics on concussion recovery in patients following sport-related concussion. *American Journal of Sports Medicine*. 41(7), 1490-1496.
- Mihalik JP, Lengas E, Register-Mihalik JK, Oyama S, Begalle RL, & Guskiewicz KM. (2013). The effects of sleep quality and quantity on concussion baseline assessment. *Clinical Journal of Sports Medicine*, 23(5), 343-348.
- Casa DJ, Almquist J, Anderson SA, Baker L, Bergeron MF, Biagioli B, Boden B, Brenner JS, Carroll M, Colgate B, Cooper L, Courson R, Csillan D, DeMartini JK, Drezner JA, Erickson T, Ferrara MS, Fleck SJ, Franks R, Guskiewicz KM, Holcomb WR, Huggins RA, Lopez RM, Mayer T, McHenry P, Mihalik JP, O'Connor FG, Pagnotta KD, Pryor RR, Reynolds J, Stearns RL, & Valentine V. (2013). The Inter-Association Task Force for preventing sudden death in secondary school athletics programs: Bestpractices recommendations. *J Athletic Training*, 48(4), 546-553
- Kelly DF, Chaloner C, Evans D, Mathews A, Cohan P, Wang P, Swerdloff R, Shin M-S, Lee1 J, Wright MJ, Kernan C, Barkhoudarian G, Yuen KCJ, Guskiewicz KM. (2014). Prevalence of pituitary hormone dysfunction, metabolic syndrome and impaired quality of life in retired professional football players: a prospective study. *J Neurotrauma*. Vol. 31, 13:1161-1171.
- Mihalik JP, Moise KF, Ocwieja KE, Guskiewicz KM, & Register-Mihalik JK. (2014). The effects of player anticipation and involvement on head impact biomechanics in college football body collisions. In A. Ashare & M. Ziejewski (Eds.), *ASTM Selected Technical Papers 1552 on Symposium on the Mechanism of Concussion in Sports* (pp. 41-55). West Conshohocken, PA: ASTM International.
- Randolph C, Karantzoulisa S, Guskiewicz KM. (2013). Prevalence and Characterization of Mild Cognitive Impairment in Retired National Football League Players. *JINS*. 19(08). 873-880.
- Register-Mihalik JK, Guskiewicz KM, Littleton AC. (2013). Are divided attention paradigms useful in the assessment and management of sports-related concussion? *Neuropsychology Review*. 23(4). 300-314.

Ford, JH, Giovanello, KS, Guskiewicz, KM. (2013). Episodic Memory in Former Professional Football Players with a History of Concussion: An Event-Related Functional Neuroimaging Study. *J Neurotrauma*. 30(20): 1683-701.

Guskiewicz KM, Register-Mihalik JK, McCrory P, McCrea M, Johnston K, Makdissi M, Dvorak J, Davis G, Meeuwisse W (2013). Evidence-based approach to revising the SCAT2: Recommendations for the SCAT3. *British Journal of Sports Medicine*. Epub Ahead of Print, doi: 10.1136/bjsports-2013-092225.

Trinidad KJ, Schmidt JD, Register-Mihalik JK, Groff D, Goto S, Guskiewicz KM. Predicting Clinical Concussion Measures at Baseline Based on Academic Profile and Motivation. *Clin J Sports Med*. 2013; Epub ahead of print.

Mihalik JP, Lengas E, Register-Mihalik JK, Oyama S, Begalle R, Guskiewicz KM. The effects of sleep quality and sleep quantity on concussion assessment. *Clin J Sport Med*. 2013; 23(5):343348.

Register-Mihalik JK, Linnan LA, Marshall SW, Valovich McLeod TC, Mueller FO, Guskiewicz KM. Using Theory to Understand High School Aged Athletes' Intentions to Report Sport-Related Concussion: Implications for Concussion Education Initiatives. *Brain Inj*. 2013; 27(7-8):878-886.

Register-Mihalik J, Guskiewicz KM, Valovich McLeod TC, Linnan LA, Mueller FO, Marshall S. Influence of Knowledge and Attitude on Concussion Reporting Behaviors Among High School Athletes. *J Athl Train*. 2013; 48(5): 645-563.

Mihalik JP, Register-Mihalik JK, Kerr ZY, Marshall SW, McCrea MC, & Guskiewicz KM. (2013). The effect of posttraumatic migraine characteristics on concussion recovery in patients following sport-related concussion. *American Journal of Sports Medicine*, 41(7), 1490-1496.

Register-Mihalik JK, Kontos DL, Guskiewicz KM, Mihalik JP, Conder B, Shields EW. (2012) Age-related differences and reliability on a computerized and a paper-pencil neurocognitive assessment battery. *J Athletic Training*. 47(3) 297-305.

Beckwith JG, Greenwald RM, Chu JJ, Crisco JJ, Rowson S, Duma SM, Broglio SP, McAllister TW, Guskiewicz KM, Mihalik JP, Anderson S, Schnebel B, Brolinson PG, & Collins MW. (2013). Timing of concussion diagnosis is related to head impact exposure prior to injury. *Medicine & Science in Sports & Exercise*, 45(4), 747-754.

Beckwith JG, Greenwald RM, Chu JJ, Crisco JJ, Rowson S, Duma SM, Broglio SP, McAllister TW, Guskiewicz KM, Mihalik JP, Anderson S, Schnebel B, Brolinson PG, & Collins MW. (2013). Head impact exposure sustained by football players on days of diagnosed concussion. *Medicine & Science in Sports & Exercise*, 45(4), 737-746.

Register-Mihalik JK, Guskiewicz KM, Mihalik JP, Schmidt JD, Kerr ZY, & McCrea MA. (2013). Reliable change, sensitivity, and specificity of a multi-dimensional concussion assessment battery: Implications for caution in clinical practice. *Journal of Head Trauma Rehabilitation*, 29(4), 278283.

Teel ER, Register-Mihalik JK, Blackburn TJ, Guskiewicz KM. (2013). Balance and cognitive performance during a dual-task: Implications for use in concussion assessment. *Journal of Science and Medicine in Sport*, 16(3), 190-194.

Randolph, C., Karantzoulis, S., Guskiewicz, KM. Prevalence and characterization of mild cognitive impairment in retired National Football League players. *JINS*, 2013 Sep;19(8):873-80.

McCrea, M., Guskiewicz, K.M., Randolph, C., Barr, W.B., Hammeke, T.A., Marshall, S.W., Powell, M.R., Ahn, K.W., Wang, Y., Kelly, J.P. Incidence, Clinical Course and Predictors of Prolonged Recovery Time Following Sport-Related Concussion in High School and College Athletes. *JINS*, 2012;18, 1–12.

Kerr ZY, Marshall SW, Harding HP, Guskiewicz KM. Nine-Year Risk of Depression Diagnosis Increases With Increasing Self-Reported Concussions in Retired Professional Football Players. *Am J Sports Medicine*. 2012 Oct;40(10):2206-12.

Schmidt JD, Register-Mihalik JK, Mihalik JP, Kerr ZY, Guskiewicz KM. Identifying Impairments After Concussion: Normative Data vs. Individualized Baselines. *Med Sci Sports Exerc*. 2012;44(9):1621-8.

Aguilar AJ, Distefano LJ, Brown CN, Herman DC, Guskiewicz KM, Padua DA. A Dynamic warm-up model increases quadriceps strength and hamstring flexibility. *J Strength Cond Res* 2012 April;26(4): 1130-41.

Casa, D.J. (co-chair), Guskiewicz, K.M. (co-chair), Anderson, S.A., Courson, R.W., Heck, J.F., Jimenez, C.C., McDermott, B.P., Miller, M.G., Stearns, R.L., Swartz, E.E., Walsh, K.M. National Athletic Trainers' Association Position Statement: Preventing Sudden Death in Sport and Physical Activity. *J Athletic Training* 2011;47(1):1–24.

Gysland S.M., Mihalik J.P., Register-Mihalik J.K., Trulock S.C., Shields E.W., & Guskiewicz K.M. The relationship between subconcussive impacts and concussion history on clinical measures of neurological impairment in collegiate football players. *Annals of Biomedical Engineering*, 2011:40(1), 14-22.

Mihalik JP, Guskiewicz KM, Marshall SW, Blackburn JT, Cantu RC, & Greenwald RM. Head impact biomechanics in youth hockey: Comparisons across playing position, event types, and impact locations. *Annals of Biomedical Engineering*, 2011:40(1), 141-149.

Ocwieja KE, Mihalik JP, Marshall SW, Schmidt JD, Trulock SC, & Guskiewicz KM. The effect of play type and collision closing distance on head impact biomechanics. *Annals of Biomedical Engineering*, 2011:40(1), 90-96.

Herring SA, Cantu RC, Guskiewicz KM, Putukian M, Kibler WB, Bergfeld JA, Boyajian-O'Neill LA, Franks RR, Indelicato PA. Concussion (mild traumatic brain injury) and the team physician: a consensus statement- 2011 update. *Med Sci Sports Exerc*. 2011;43(12): 2412-22.

Guskiewicz KM and Broglio SP. Sport-Related Concussion: On-Field and Sideline Assessment. *Physical Medicine and Rehabilitation Clinics of North America*, 2011;22:603-617.

Krainin GM, Forsten RD, Kotwal RS, Lutz RH, Guskiewicz KM. Mild traumatic brain injury literature review and proposed changes to classification. *J Spec Oper Med*. 2011 Summer; 11(3): 38-47.

DiStefano LJ, Blackburn JT, Marshall SW, Guskiewicz KM, Garrett WE, Padua DA. Effects of an age-specific anterior cruciate ligament injury prevention program on lower extremity biomechanics in children. *Am J Sports Med*. 2011;39(5): 949-57.

Guskiewicz KM and Register-Mihalik JK. Post-concussive impairment differences across a multifaceted concussion assessment protocol. *Physical Med & Rehab*, 2011;3:S445-S451.

Kerr ZY, Marshall SW, & Guskiewicz KM. Reliability of concussion history in former professional football players. *Medicine and Science in Sports and Exercise*, 2011; 44(3):377-82.

Mihalik JP, Guskiewicz KM, Marshall SW, Greenwald RM, Blackburn JT, & Cantu RC. Does cervical muscle strength in youth ice hockey players affect head impact biomechanics? *Clinical Journal of Sports Medicine*, 2011;21(5), 416-421.

Guskiewicz KM and McLeod TCV. Pediatric Sport-related Concussion. *Physical Med & Rehab*, 2011; 3(4):353-364.

Guskiewicz KM. Physical Education Curriculum Priorities: "Safe" Exercise is Medicine. *Quest*, 2011;63:66-72.

Guskiewicz KM and Mihalik JP. Biomechanics of Sport Concussion: Quest for the Elusive Injury Threshold. *Exercise and Sport Science Reviews*, 2011; 39(1):4-11.

Guskiewicz KM. Balance Assessment in the Management of Sport-Related Concussion. *Clin Sports Med*, 2011;30:89-102.

Ross LM, Register-Mihalik JK, Mihalik JP, McCulloch KL, Prentice WE, Shields EW, & Guskiewicz KM. Effects of a single task vs. a dual task paradigm on cognition and balance in healthy subjects: A feasibility and reliability study. *Journal of Sport Rehabilitation*. 2011 Aug;20(3): 296-310.

Mihalik JP, Blackburn JT, Greenwald RM, Cantu RC, Marshall SW, & Guskiewicz KM. Collision type and player anticipation affect head impact severity in youth ice hockey players. *Pediatrics*, 2010; 125(6):e1394-401.

Mihalik JP, Greenwald RM, Blackburn JT, Cantu RC, Marshall SW, & Guskiewicz KM. The effect of infraction type on head impact severity in youth ice hockey. *Medicine & Science in Sports & Exercise*, 2010; 42(8):1431-8.

Distefano LJ, Padua DA, Blackburn JT, Garrett WE, Guskiewicz KM, Marshall SW. Integrated injury prevention program improves balance and vertical jump height in children. *J Strength Cond Res*, 2010 Feb;24(2):332-42.

Cantu RC, Guskiewicz KM, Register-Mihalik JK. Clinical analysis of 215 moderate-severe athletic concussion. *Physical Medicine and Rehabilitation*. 2010;2 (12), 1088-93.

Thigpen CA, Padua DA, Michener LA, Guskiewicz KM, Giuliani C, Keener JD, Stergiou N. Head and shoulder posture affect scapular mechanics and muscle activity in overhead tasks. *J Electromyography & Kinesiology*, 2010; 20(4):701-709.

Boling M, Padua D, Marshall S, Guskiewicz KM, Pyne S, and Buetler A. Gender Differences in the incidence and prevalence of patellofemoral pain syndrome. *Scand J Medicine Science and Sports*, 2010; Vol 20(5):709-787.

Toler JD, Petschauer MA, Mihalik JP, Oyama S, Halverson SD, & Guskiewicz KM. Alternative airway access techniques in American football. *Clinical Journal of Sport Medicine*, 2010;20,9297.

Broglio, S.P., Guskiewicz, K.M. Concussion in sport: The sideline assessment. *Sports Health: A Multidisciplinary Approach*, 2009; Vol. 1(5):361-369.

Register-Mihalik JK, Guskiewicz KM, Valovich McLeod T, Mann JD. Association between migraine-related disability and concussion history in collegiate athletes. *Athletic Training and Sports HealthCare*. 2009;1(5), 227-233.

McCrea M, Guskiewicz KM, Randolph C, Barr WB, Hammeke TA, Marshall SW, Kelly JP. Effects of a symptom-free waiting period on clinical outcome and risk of reinjury after sport-related concussion. *Neurosurgery*, 2009;65(5), 876-882.

Boling MC, Padua DA, Marshall SW, Guskiewicz KM, Pyne S, Beutler A. A prospective investigation of biomechanical risk factors for patellofemoral pain syndrome: the Joint Undertaking to Monitor and Prevent ACL Injury (JUMP-ACL) cohort. *Am J Sports Med*, 2009;37(11), 2108-2116.

Elleberg D, Henry LC, Macciocchi SN, Guskiewicz KM, Broglio SP. Advances in sport concussion management: From behavioral to brain imaging measures. *J Neurotrauma*, 2009;26(12), 2365-2382.

Bell DR, Myrick MP, Blackburn JT, Shultz SJ, Guskiewicz KM, Padua, DA. The effect of menstrual-cycle phase on hamstring extensibility and muscle stiffness. *J Sport Rehabil*. 2009; 18(4): 553-63.

Randolph C, Millis S, Barr WB, McCrea M, Guskiewicz KM, Hammeke TA, Kelly JP. Concussion symptom inventory: An empirically derived scale for monitoring resolution of symptoms following sport-related concussion. *Arch Clin Neuropsychol*, 2009;24(3), 219-229.

Herman DC, Onate JA, Weinhold PS, Guskiewicz KM, Garrett WE, Yu B, Padua DA. The effects of feedback with and without strength training on lower extremity biomechanics. *Am J Sports Med*, 2009;37(7), 1301-1308.

Parsons TD, Notebaert AJ, Shields EW, Guskiewicz KM. Application of reliable change indices to computerized neuropsychological measures of concussion. *Int J Neurosci*, 2009;119(4), 492-507.

Ross SE, Guskiewicz KM, Gross MT, Yu B. Balance measures for discriminating between functionally unstable and stable ankles. *Med Sci Sports Exerc*, 2009;41(2), 399-407.

Brown C, Padua D, Marshall SW, Guskiewicz KM. Variability of Motion in Individuals with Mechanical or Functional Ankle Instability During a Stop Jump Maneuver. *Clinical Biomechanics*, 2009;24(9), 762-768.

Golightly YM, Marshall SW, Callahan LF, Guskiewicz KM. Early-Onset Arthritis in Retired National Football League Players. *J Physical Activity & Health*, 2009;6(5), 638-643.

Davis GA, Iverson GL, Guskiewicz KM, Ptito A, Johnston KM. Contributions of neuroimaging, balance testing, electrophysiology and blood markers to the assessment of sport-related concussion. *BJSM*, 2009;43, 36-45.

Mihalik JP, Ondrak KS, Guskiewicz KM, & McMurray RG. Clinical measures of concussion remain stable across the female menstrual cycle. *Journal of Science and Medicine in Sport*, 2009; 12(3), 383-387.

Mihalik JP, Jeffries JA, Ciocca MF, & Guskiewicz KM. Biomechanical factors and clinical outcome of a youth ice hockey player following sports-related concussion: A case report. *Athletic Training & Sports Health Care*, 2009;1(1), 32-36.

Register-Mihalik JK, Mihalik JP, & Guskiewicz KM. Association between previous concussion history and symptom endorsement during preseason baseline testing in high school and collegiate athletes. *Sports Health: A Multidisciplinary Approach*, 2009;1(1), 61-65.

Horn S., Gregory P., Guskiewicz KM. Self-Reported Anabolic-Androgenic Steroids Use and Musculoskeletal Injuries: Findings from the Center for the Study of Retired Athletes Heath Survey of Retired NFL Players. *J Physical Medicine & Rehabilitation*, 2009;88(3): 192-200.

Guskiewicz KM. Sports Medicine & Athletic Training in the 21st Century: Bridging the Gap Between Research and Clinical Practice. *Quest*, 2008;60,121-130.

Brown C, Padua D, Marshall SW, Guskiewicz KM. Individuals with mechanical ankle instability exhibit different motion patterns than those with functional ankle instability and ankle sprain copers. *Clinical Biomechanics*, 2008; Jul;23(6):822-31.

Mecham SC, and Guskiewicz KM. Head Case: An Agent's Guide to Protecting their NFL Clients From Concussions and Associated Risks, 76 *UMKC L. Rev.* 699, 2008.

Mihalik JP, Beard JR, Petschauer MA, Prentice WE, and Guskiewicz KM. Effect of ice hockey helmet fit on cervical spine motion during an emergency log roll procedure. *Clinical Journal of Sports Medicine*, 2008;18(5), 394-398.

Fox ZG, Mihalik JP, Blackburn JT, Battaglini CL, Guskiewicz KM. Postural control returns to baseline within 13 minutes following both anaerobic and aerobic exercise protocols. *Journal of Athletic Training*, 2008;43(5), 456-463.

Register-Mihalik JK, Mihalik JP, Guskiewicz KM. Balance deficits after sports-related concussion in individuals reporting post-traumatic headache. *Neurosurgery*, 2008;63(1), 76-82.

Mihalik JP, Guskiewicz KM, Jeffries JA, Greenwald RM, & Marshall SW. Characteristics of head impacts sustained by youth ice hockey players. *Journal of Sports Engineering and Technology*, 2008;222(P1), 45-52.

Blackburn JT, Padua DA, Guskiewicz KM. Musculotendinous stiffness and spinal stretch reflex sensitivity in the triceps surae. *Journal of Athletic Training*, 2008;43(1), 29-36.

Mihalik JP, Bell DR, Marshall SW, Guskiewicz KM. Measurement of head impacts in collegiate football players: An investigation of positional and event type differences. *Neurosurgery*, 2007; 61, 1229-1235.

McCaffrey MA, Mihalik JP, Crowell DH, Shields EW, Guskiewicz KM. Measurement of head impacts in collegiate football players: Clinical measures of concussion following high and low impact magnitudes. *Neurosurgery*, 2007;61, 1236-1243.

Guskiewicz KM, Mihalik JP, Shankar V, Marshall SW, Crowell DH, Oliaro SM, Ciocca MF, & Hooker DN. Measurement of head impacts in collegiate football players: Relationship between head impact biomechanics and acute clinical outcome following concussion. *Neurosurgery*, 2007; 61, 1244-1253.

Register-Mihalik J, Guskiewicz KM, Mann JD, & Shields EW. The effects of headache on clinical measures of neurocognitive function. *Clinical J Sports Medicine*, 2007;17, 282-288.

Guskiewicz, KM, Marshall, SW, Bailes, J, McCrea M, Harding HP Jr, Matthews A, Mihalik JRM, and Cantu R. Recurrent concussion and risk of depression in retired professional football players. *Medicine & Science in Sport & Exercise*, 2007;39(6), 903-909.

Brown CN, Guskiewicz KM, Bleiberg J. Effect of athlete characteristics on outcome scores for computerized neuropsychological assessment: A preliminary analysis. *Journal of Athletic Training*, 2007;42(4): 515-523.

Ross SE, Arnold BL, Blackburn JT, Brown CA, Guskiewicz KM. Enhanced balance associated with coordination training with stochastic resonance stimulation in subjects with functional ankle instability: an experimental trial. *Journal of NeuroEngineering & Rehabilitation*, 2007, 4:47.

Bailes JE, Petschauer M, Guskiewicz KM, & Marano, G. Management of cervical spine injuries in athletes. *Journal of Athletic Training*, 2007;42(1): 126–134.

Patel AV, Mihalik JP, Notebaert AJ, Guskiewicz KM, & Prentice WE. The effects of dehydration on symptomatology, neuropsychological integrity, and postural stability as related to concussion assessment. *Journal of Athletic Training*, 2007;42(1), 66-75.

Mihalik JP, McCaffrey MA, Rivera EM, Pardini JE, Guskiewicz KM, Collins MW, & Lovell MR. Effectiveness of mouthguards in reducing neurocognitive deficits following sports-related concussion. *Dental Traumatology*, 2007;23(1), 14-20.

Register JK, Mihalik JP, Essa MS, Hirth CJ, Guskiewicz KM, & Brickner TE. Exertional Rhabdomyolysis in Eight Division I Female Lacrosse Athletes: A Case Review. *Athletic Therapy Today*, 2006;11(4), 26-28.

Valovich McLeod TC, Barr WB, McCrea M, Guskiewicz KM. Psychometric and measurement properties of concussion assessments in youth sports. *Journal of Athletic Training*. 2006;41(4), 399-408.

Michell TB, Ross SE, Blackburn JT, Hirth CJ, Guskiewicz KM. Effects of exercise training with and without balance shows on static postural stability. *Journal of Athletic Training*. 2006;41(4), 393-398.

Knowles SB, Marshall SW, Guskiewicz KM. Issues in estimating injury risks and rates in sports injury research. *J Athl Train*. 2006;41, 207–215.

Buzzini SR and Guskiewicz KM. Sport-related concussion in the young athlete. *Current Opinion in Pediatrics*. 2006;18, 376-382.

Ross SE, Guskiewicz KM. Effect of coordination training with and without stochastic resonance on dynamic postural stability of subjects with functional ankle instability and subjects with stable ankles. *Clinical Journal of Sport Medicine*. 2006;16, 323-328.

Cavanaugh JT, Guskiewicz K, Giuliani C, Marshall S, Mercer VS, Stergiou N. Recovery of postural control after cerebral concussion: New insights using Approximate Entropy. *J Athl Train* 2006; 41(3), 305-313.

Guskiewicz KM, Bruce SL, Cantu RC, Ferrara MS, Kelly JP, McCrea M, Putukian M, Valovich McLeod TC. Research based recommendations on management of sport related concussion: summary of the National Athletic Trainers' Association position statement. *British Journal of Sports Medicine*. 2006;40(1), 6-10.

Piland, SG, Motl RW, Guskiewicz KM, McCrea M, and Ferrara MS. Structural validity of a selfreport concussion-related symptom scale. *Med & Science in Sports & Exercise*, 2006;38(1), 27-32.

Guskiewicz, KM, Marshall, SW, Bailes, J, McCrea, M, Cantu, RC, Randolph, C, Jordan, BD. Association between recurrent concussion and late life cognitive impairment in retired professional football players. *Neurosurgery*, 2005;57, 719-726.

Notebaert, A.J., and Guskiewicz, K.M. The Current Trends in Athletic Training Practice for Concussion Assessment and Management. *Athletic Training*, 2005;40(4), 320-325.

Cavanaugh JT, Guskiewicz KM, Giuliani C, Marshall S, Mercer VS, Stergiou N. Detecting altered postural control after cerebral concussion in athletes without postural instability. *Br J Sports Med*, 2005;39(11), 805-811.

Cavanaugh JT, Guskiewicz KM, Stergiou N. A nonlinear dynamic approach for evaluating postural control: new directions of the management of sport-related cerebral concussion. *Sports Med*, 2005; 35(11), 935-950.

Ross SE, Guskiewicz KM, Yu B. Effects of functional ankle instability on single leg jump landing stabilization times. *Journal of Athletic Training*. 2005;40, 298-304

Yu B, McClure SB, Onate JA, Guskiewicz KM, Kirkendall DT, Garrett WE. Age and gender effects on knee motion patterns of youth soccer players in a stop-jump task. *American Journal of Sports Medicine*, 2005;33(9), 1356-1364.

McCrea, M., Barr, W.B., Guskiewicz, K.M., Randolph, C., Marshall, S.W., Cantu, R.C., Onate, J.A., Kelly, J.P. Standard regression-based methods for measuring recovery after sport-related concussion. *J. International Neuropsychological Society*, 2005, 11:58-69.

Onate JA, Guskiewicz KM, Marshall SW, Giuliani C, Yu B, Garrett W. Instruction of jumplanding technique utilizing videotape feedback: altering lower extremity movement patterns. *American Journal of Sports Medicine*. 2005; 33(6), 831-842.

Guskiewicz, K.M., Bruce, S.L., Cantu, R.C., Ferrarra, M.S., Kelly, J.P., McCrea, M., Putukian, M., and Valovich McLeod, T.C. National Athletic Trainers' Association Position Statement: Management of Sport-Related Concussion. *J Athletic Training*, 2004;39, 280-297.

Guskiewicz, K.M., Bruce, S.L., Cantu, R.C., Ferrarra, M.S., Kelly, J.P., McCrea, M., Putukian, M., and Valovich McLeod, T.C. Recommendations on Management of Sport-Related Concussion: Summary of the National Athletic Trainers' Association Position Statement. *Neurosurgery*, 2004;559, 891-896.

Valovich, T.C, Perrin, D.H., Guskiewicz, K.M., Shultz, S.J., Diamond, R., Gansneder, B.M. Serial administration of clinical concussion assessments and practice effects in healthy youth sports participants. *Clinical Journal of Sports Medicine*, 2004;14, 287-295.

Broglio, S.P., Guskiewicz, K.M., Sell, T.C., and Lephart, S.M. No acute changes in postural control after soccer heading. *Br J Sports Med*, 2004;38, 561-567.

Blackburn JT, Padua DA, Riemann BL, Guskiewicz KM. The relationships between active extensibility, and passive and active stiffness of the knee flexors. *J Electromyography & Kinesiology*, 2004; 14(6), 683-691.

Ross SE, Guskiewicz KM. Examination of static and dynamic postural stability in individuals with functionally stable and unstable ankles. *Clinical Journal of Sport Medicine*. 2004;14, 332-338.

Wisniewski J.F., Guskiewicz K.M., Trope M., Sigurdsson A. Incidence of cerebral concussions associated with type of mouthguard used in college football. *Dent Traumatol*, 2004;20(3), 143-149.

Guskiewicz, K.M., and Cantu, R.C. The concussion puzzle: Evaluation of sport-related concussion. *American Journal of Medicine and Sports*. 2004;6,13-21,

McCrea, M., Hammeke, T., Olsen, G., and Guskiewicz, K.M. Unreported concussion in high school football players. *Clinical Journal of Sports Medicine*. 2004;14(1), 13-17.

Blackburn JT, Riemann BL, Padua DA, Guskiewicz KM. Sex comparison of active extensibility, and active and passive stiffness of the knee flexors. *Clinical Biomechanics*, 2004;19(1),36-43.

Brown, C.N., Ross, S.E., Mynark, K., Guskiewicz, K.M. Assessment of functional ankle instability using joint position sense, time to stabilization, and electromyography. *Journal of Sport Rehabilitation*. 2004;13,122-134.

Ross, S.E., Guskiewicz, K.M., Schneider R.A., Prentice, W.E. Comparison of biomechanical factors between lower limbs during a static balance task, isokinetic strength assessment, and a jump-landing. *Journal of Sport Rehabilitation*, 2004;13, 151-166.

Guskiewicz KM, McCrea M, Marshall SW, Cantu RC, Randolph C, Barr W, Onate JA, Kelly JP. Cumulative Effects Associated with Recurrent Concussion in Collegiate Football Players: The NCAA Concussion Study. *Journal of American Medical Association*. 2003;290(19), 2549-2555.

McCrea M, Guskiewicz KM, Barr W, Marshall SW, Randolph C, Cantu R, Onate JA, Kelly JP. Acute effects and recovery time following concussion in collegiate football players: The NCAA Concussion Study. *Journal of American Medical Association*. 2003;290(19), 2556-2563.

Blackburn, JT, Hirth, CJ, Guskiewicz, KM. Balance shoes increase lower extremity electromyography activity during functional activities. *Journal of Athletic Training*, 2003;38(3), 198-203.

Guskiewicz, K.M. Assessment of postural stability following sport-related concussion. *Current Sports Medicine Reports*, 2003;2(1), 24-30.

Ross S.E., Guskiewicz K.M. Time to stabilization: A method for analyzing dynamic postural stability. *Athletic Therapy Today*, 2003;8(3),37-39.

Falsone, S., Gross, M, Guskiewicz, K.M., Schnieder, R. The One Arm Hop Test: Reliability and the Effects of Arm Dominance. *Journal of Orthopaedic and Sports Physical Therapy*, 2002;32(3), 98-103.

Guskiewicz, K.M., Marshall, S.W., Broglio,S.P., Cantu, R.C., and Kirkendall, D.T. No evidence of impaired neurocognitive performance in collegiate soccer players. *American Journal of Sports Medicine*, 2002;30(2), 157-162.

Guskiewicz, K.M. Balance and Mild Head Injury in Athletes. *Orthopaedic Physical Therapy Clinics of North America: Balance (special issue)*, 2002;11(1), 143-158.

Mancuso, J.M., Guskiewicz, K.M., Petschauser, M.A. Posterior foot pain in a collegiate field hockey player, *Journal of Sport Rehabilitation*, 2002;11(1), 67-73.

Guskiewicz, K.M., Ross S.E., and Marshall S.W. Postural stability and neuropsychological deficits following concussion in collegiate athletes. *Journal of Athletic Training*, 2001;36(3), 263-273.

Guskiewicz, K.M. Postural stability assessment following concussion: One piece of the puzzle. *Clinical Journal of Sport Medicine*, 2001;11(3), 182-189.

Onate J.A., Guskiewicz KM, & Sullivan RL. Augmented feedback reduces jump-landing forces. *Journal of Orthopaedic & Sports Physical Therapy*, 2001;31(9), 511-517.

Ferrara, M.S., McCrea M., Peterson C.L., and Guskiewicz, K.M. A survey of practice patterns in concussion assessment and management. *Journal of Athletic Training*, 2001;36(2),145- 149.

Guskiewicz, K.M. Concussion in sport: The grading system dilemma. *Athletic Therapy Today*, 2001;6(1), 18-27.

Broglio, S.P., and Guskiewicz, K.M. Soccer Heading: Are There Risks Involved? *Athletic Therapy Today*, 2001;6(1), 28-32.

Galilee-Belfer, A., and Guskiewicz, K.M. Stress Fracture of the Eighth Rib in a Female Collegiate Rower: A Case Report. *Journal of Athletic Training*, 2000;35(4), 445-449.

Blackburn, J.T., Guskiewicz, K.M., Busby, M.A., Prentice, W.E. Balance and Joint Stability: The relative contributions of proprioception and muscular strength. *Journal of Sport Rehabilitation*, 2000;9(4), 315-328.

Guskiewicz, K.M., Weaver, N., Padua, D.A., and Garrett, W.E. Epidemiology of concussion in collegiate and high school football players. *American Journal of Sports Medicine*, 2000;28(5), 643-650.

Onate, J.A., Guskiewicz, K.M., and Riemann, B.L. A comparison of sideline versus clinical cognitive test performance in collegiate athletes. *Journal of Athletic Training*, 2000;35(2), 155-160.

Riemann, B.L., and Guskiewicz, K.M. Effects of mild head injury on postural stability as measured through clinical balance testing. *Journal of Athletic Training*. 2000;35(1), 19-25.

Myers, J.B., Guskiewicz, K.M., Schneider, R.A., & Prentice, W.E. Proprioception and neuromuscular control of the shoulder following muscle fatigue. *Journal of Athletic Training*. 1999;34(4), 362-367.

Myers, J.B., Guskiewicz, K.M., and Riemann, B.L. Syncope and atypical chest pain in an intercollegiate wrestler. *Journal of Athletic Training*. 1999;34(3), 263-266.

Gribble, P.A., Guskiewicz, K.M., Prentice, W.E., & Schneider, R. Effects of static and hold-relax stretching on hamstring range of motion using the flexibility LE1000. *Journal of Sport Rehabilitation*, 1999;8(3), 195-208.

Ubinger, M.E., Prentice, W.E., Guskiewicz, K.M. and Schneider, R. Effect of closed kinetic chain training on neuromuscular control in the upper extremity using the Functional Activity System for Testing and Exercise (FASTEX). *Journal of Sport Rehabilitation*. 1999;8(3), 187-194.

Riemann, B.L., Guskiewicz, K.M., and Shields E.W. Relationship between clinical and forceplate measures of postural stability. *Journal of Sport Rehabilitation*, 1999;8(2), 1-7.

Guskiewicz, K.M., Riemann, B.L., and Onate, J.A. Comparison of three methods of external support for management of acute lateral ankle sprains. *Journal of Athletic Training*, 1999;34(1), 510.

Guskiewicz, K.M. Clinical research in sport related mild head injury. *Athletic Therapy Today*, 1998;3(3), 16-17.

Oliaro, S.M., Guskiewicz, K.M., and Prentice, W.E. Establishment of normative data on cognitive tests for comparison with athletes sustaining mild head injury. *Journal of Athletic Training*. 1998;33(1), 36-40.

Guskiewicz, K.M., Riemann, B.L., Perrin, D.H., & Nashner, L.M. Alternative approaches to the assessment of mild head injury in athletes. *Medicine & Science in Sports & Exercise*, 1997;29(7), S213-S221.

Riemann, B.L., & Guskiewicz, K.M. Assessment of mild head injury utilizing measures of balance and cognition: A case study. *Journal of Sport Rehabilitation*, 1997;6(3), 283-289.

Guskiewicz, K.M., Perrin, D.H., & Gansneder, B. Effect of mild head injury on postural stability. *Journal of Athletic Training*, 1996;31(4), 300-306.

Guskiewicz, K.M., & Perrin, D.H. Effect of orthotics on postural sway following inversion ankle sprains. *Journal of Orthopaedic and Sports Physical Therapy*, 1996;23(5), 326-331.

Hertel, J.N., Guskiewicz, K.M., Kahler, D.M., Perrin, D.H. Effect of lateral ankle joint anaesthesia on joint position sense, postural sway, and center of balance. *Journal of Sport Rehabilitation*, 1996;5(2), 111-119.

Guskiewicz, K.M. & Perrin, D.H. Research and clinical applications of assessing balance. *Journal of Sport Rehabilitation*, 1996;5(1), 45-63.

Guskiewicz, K.M., Perrin, D.H., Martin, D.E., Kahler, D.M., Gansneder, B.M., & McCue, F.C. Effect of ACL reconstruction and tibial rotation on anterior knee laxity. *Journal of Athletic Training*, 1995;30(3), 243-246.

Guskiewicz, K.M., Degnan, G., & Schildwachter, T. Scapholunate dissociation and dorsal intercalated segmental instability in an adolescent football player: A case study. *Journal of Sport Rehabilitation*, 1995;4(2), 116-121.

Martin, D.E., Guskiewicz, K.M., Perrin, D.H., Kahler, D.M. & McCue, F.C. Tibial rotation affects anterior displacement of the knee. *Journal of Sport Rehabilitation*, 1994;4, 275-281.

Guskiewicz, K.M., Lephart, S.M., & Burkholder, R. Relationship between sprint speed and hip flexor/extensor strength in Division I Intercollegiate Athletes. *Isokinetics and Exercise Science*, 1993;3, 111-116.

Invited Editorials:

Guskiewicz, K.M., and Pachman, S.E. Management of Sport-Related Brain Injuries: Preventing Poor Outcomes and Minimizing the Risk for Legal Liabilities. *Athletic Training and Sports Health Care*, 2(6):248–252, 2010.

Marshall, S.W., and Guskiewicz, K.M. Sports and Recreational Injury: The hidden cost of a healthy lifestyle. *Injury Prevention*, 9:100-102, 2003.

Guskiewicz, K.M. The concussion puzzle: 5 compelling questions. *Journal of Athletic Training*, 36(3), 225-226, 2001.

Textbook Sections Edited:

Guskiewicz, K.M. Basic Concepts (section) In *Athletic Training and Sports Medicine* (3rd Ed.). American Academy of Orthopaedic Surgeons, 2000.

Textbook Chapters:

Mihalik JP, Lynall RC, & Guskiewicz K.M. (2017). Brain injuries. In DJ Casa & RL Stearns (Eds.), *Preventing sudden death in sport and physical activity*, 2nd Edition. (pp. 97-126). Boston, MA: Jones and Bartlett Learning.

Clark M, Guskiewicz K. (2016) Sport-Related Traumatic Brain Injury. *Translational Research in Traumatic Brain Injury*, Chapter 2 (p 17-40), Boca Raton, FL: CRC Press/Taylor and Francis Group.

Mihalik JP & Guskiewicz K.M. (2015). Brain injuries. In DJ Casa & RL Stearns (Eds.), *Emergency management for sport and physical activity*. (pp. 83-96). Boston, MA: Jones and Bartlett Learning.

Guskiewicz, KM and Broglio SP. Acute Sports-Related Traumatic Brain Injury and Repetitive Concussion. In *Handbook of Clinical Neurology* Vol. 127 (3rd series). Grafman, J and Salazar, A. (Ed). Elsevier B.V., 2014.

Mihalik JP & Guskiewicz KM. (2012). Brain injuries. In DJ Casa (Ed.), *Preventing sudden death in sport and physical activity* (pp. 79-108). Boston, MA: Jones and Bartlett Learning.

Guskiewicz, KM. Clinical Management of Sport Related Head Injury. In *Emergency Care in Athletic Training*. Gorse K, Feld F, Blanc R. F.A. Davis Publishing, 2009.

Guskiewicz, KM and Mihalik, JP. The Biomechanics and Pathomechanics of Sport-Related Concussion. In *Foundations of Sport-Related Concussion*. Slobounov, SM. and Sebastianelli, WJ. Springer Publishing, 2006.

Guskiewicz, KM. Head Injuries. In *Clinical Sports Medicine*. Johnson, D.L. and Mair, S.D. Elsevier, 129-141, 2006.

Guskiewicz, KM and McCrea, M: Head Injuries in Sports Medicine. In *American Academy of Orthopaedic Surgeons- Athletic Training and Sports Medicine* (4rd Ed.). Starkey, C. and Johnson, G. (Ed). Jones & Bartlett, 2005

Guskiewicz, KM, and Onate, JA. Nonsurgical Therapy: Therapeutic Modalities and Orthopaedic Rehabilitation. In *Musculoskeletal Medicine*. Bernstein, J. (Ed). American Academy of Sports Medicine, 2003.

Guskiewicz KM. Comprehensive Approach to Concussion Assessment. In *Neurological Sports Medicine: A Guide for Physicians and Athletic Trainers*. Julian Bailes & Arthur Day (Eds). American Association of Neurological Surgeons (AANS), 2001.

Guskiewicz KM. Impaired Postural Stability: Regaining Balance. In *Techniques in Musculoskeletal Rehabilitation*. William Prentice & Michael Voight (Eds). McGraw Hill, 2001.

Guskiewicz KM and Barth J. Head Injuries. In *Athletic Training and Sports Medicine* (3rd Ed.). American Academy of Orthopaedic Surgeons, 2000.

Riemann BL and Guskiewicz KM. Contribution of the Peripheral Somatosensory System to Balance and Postural Equilibrium. In *The Role of Proprioception and Neuromuscular Control in the Management of Articular Pathology* for: Foundation For Sports Medicine Education and Research. Scott M. Lephart & Freddie Fu (Eds). Human Kinetics Publishers, 1999.

Guskiewicz KM. Regaining Balance and Postural Equilibrium. In *Rehabilitation Techniques in Sports Medicine* (3rd Ed). William E. Prentice (Ed). Brown & Benchmark Publishers, 1998.

Non-Refereed Publications:

Guskiewicz, KM, Walton, SR. The changing landscape of sport concussion. *Human Kinetics Journals*. Volume 9; Issue 1. 79-85. January 2020.

Guskiewicz, K., Echemendia, R. & Cantu, R. Assessment and return to play following sportsrelated concussion. President's Council on Fitness, Sports & Nutrition Research Digest, Series 12, No 1. January, 2012.

Guskiewicz KM. The Role of the Athletic Trainer in the Proper Management of Sports Concussion. *The Brain Injury Professional*. September 2007.

Hamerick, K, Guskiewicz KM, et al. Defense and Brain Injury Center's Working Group on the Acute Management of Mild Traumatic Brain Injury. *Clinical Practice Guideline and Recommendations*. December 2006.

Kirkendall, D.T., Guskiewicz, K.M., and Garrett, W.E. Soccer, Heading, and Head Protection. *Sports Medicine Update*. Newsletter of the American Orthopaedic Society for Sports Medicine. Summer 2002

Guskiewicz, K.M. Mild Traumatic Brain Injury in Youth Soccer. Position Statement for the Department of Health and Human Services, Maternal and Child Health Bureau, June 2002.

Guskiewicz, KM and Schmitz, R. North Carolina Criminal Justice & Sheriffs Commission's Police Officer Physical Ability Test: Recommendations for Y2K, March 2000

Guskiewicz, K.M. Assessment of athletes with mild head injury. *Clinical Applications, NeuroCom International, Inc.* Clackamas, OR. January 1997.

Perrin, D.H. & Guskiewicz, K.M. Mild head injury in sports. National Athletic Trainers' Association Exchange Lecture. Second World Congress on Sports Trauma/American Orthopaedic Society for Sports Medicine (AOSSM) 22nd Annual Meeting, Orlando, FL, June 17, 1996. Published in AOSSM's *Sports Medicine Update*, Fall 1996.

Symposium Presentations:

Guskiewicz, K.M., The Changing Landscape of Sport Concussion. 89th Annual Conference of the National Academy of Kinesiology, Bellevue, WA. Sept 14, 2019.

Guskiewicz, K.M., *Vestibular Rehabilitation & Performance*, Annual Big South Conference and Mission Sports Medicine, UNC Asheville, Asheville, NC, May 7, 2018.

Guskiewicz, K.M., *Novel approaches to concussion detection, assessment, and treatment*. Ohio State University Sport Science Conference on Concussion. Columbus, OH, April 20, 2018.

Guskiewicz, K.M., *The State of Sport Concussion: Legitimate Concern vs Paranoia?* National Pediatric Neurosurgery meeting, Key West, FL, January 31, 2018.

Guskiewicz, K.M., *The State of Sport Concussion: Legitimate Concern vs. Paranoia?* Concussion Health Summit. Ohio State University, Columbus, OH, July 20, 2017.

Guskiewicz, K.M., *The State of Sport Concussion: Legitimate Concern vs. Paranoia?* 40th Annual University of Wisconsin Sports Medicine Symposium. Madison, WI, April 27, 2017.

Guskiewicz, K.M., *Current Status of Concussion Prevention and Diagnosis of Concussion. Ahead of the Game Conference*, Bend, OR, April 27, 2017.

Guskiewicz, K.M., *The State of Sport Concussion: Legitimate Concern vs. Paranoia?*, *Alzheimer's Symposium*, Fort Myers, FL, March 8, 2017.

Guskiewicz, K.M., *Secondary Prevention: Risk factors and prevention strategies to reduce the risk of re-injury in children*, *IOC World Conference – Prevention of Injury and Illness in Sport*, Monaco, March 18, 2017.

Guskiewicz, K.M., From Berlin to the clinic: What to expect from the recent Concussion in Sport Consensus Statement, 4th Matthew Gfeller Sport-Related Neurotrauma Symposium, Chapel Hill, NC, March 3, 2017.

Guskiewicz, K.M., The State of Sport Concussion: Legitimate Concern vs. Paranoia? *University of Utah, College of Health*, February 3, 2017.

Guskiewicz, K.M., The State of Sport Concussion: Legitimate Concern vs. Paranoia? *Gairdner Symposium on Concussion*, University of Calgary, November 30, 2016.

Guskiewicz, K.M., 5th International Consensus Conference on Concussion in Sport, Berlin, Germany, October 26-30, 2016.

Guskiewicz, K.M., Risk Management/Second Impact Syndrome, *NIH Pediatric Concussion Workshop*, Bethesda, MD, October 13-14, 2016.

Guskiewicz, K.M., Prevention strategies for reducing head impact severity and risk of concussion in sport, *Hawaii Concussion Awareness and Management Program*, Honolulu, HI, July 8, 2016.

Guskiewicz, K.M., Active Rehabilitation in the Treatment of Sport-Related Concussion. *ACSM Annual Meeting*, Boston, MA, June 1, 2016.

Guskiewicz, K.M., Prevention of Concussion in Sports, *Sports Neuropsychological Society Symposium*, Houston, TX, April 30, 2016.

Guskiewicz, K.M. Making Sport Safer Through Innovative Science. *Bernard B. Ramsey Lecture*. Athens, GA., November 5, 2015.

Guskiewicz, K.M. Clinical Management of Sport-Related Concussion. *Symposium on Brain Injury Research*. Blacksburg, VA., October 29, 2015.

Guskiewicz, K.M. The State of the Science: Injury Incidence. *University of Michigan Injury Center Sport Concussion Summit*. Ann Arbor, MI., September 24, 2015.

Guskiewicz, K.M. The Challenges of Concussion Diagnosis and Prevention in Athletes. *University of California Neurotrauma Symposium*. Santa Barbara, CA., September 20, 2015.

Guskiewicz, K.M. The State of Sport Concussion: Legitimate Concern versus Paranoia? *Athletic Training and Public Health Summit*. Corvallis, Or., August 28, 2015.

Guskiewicz, K.M. The State of Sport Concussion: Legitimate Concern versus Paranoia? *Keynote Speaker, Big 10/CIC-Ivy League TBI Research Collaboration 2015 TBI Summit*. Rosemont, IL., July 15, 2015

Guskiewicz, K.M. The Challenges of Concussion Diagnosis in Athletics. *Neurotrauma 2015*. Santa Fe, NM., June 30, 2015.

Guskiewicz, K.M. Long-Term and Cumulative Effects of Concussion: what Do we Know Now and What Can we Do? *66th Annual National Athletic Trainers' Association Symposia*. St. Louis, MO., June 23, 2015.

Guskiewicz, K.M. The State of Concussion: legitimate Concern versus Paranoia? *American College of Sports Medicine Annual Meeting*. San Diego, CA., May 29, 2015.

Guskiewicz, K.M. Mechanism of Injury and Head Impact Telemetry. *American Medical Society for Sports Medicine 24th Annual Meeting*. Hollywood, FL, April 17, 2015.

Guskiewicz, K.M. From Lab to Law: Concussion Policy and Education. *University of Alabama Lecture to Nursing Students*. Tusculoosa, AL., March 30, 2015.

Guskiewicz, K.M. Making Sports Safer through Innovative Science (long term impacts of concussive and subconcussive impacts to athletes). *University of Alabama Lectures to Athletic Training Students*. Tusculoosa, AL., March 30, 2015.

Guskiewicz, K.M. Concussion Rehabilitation and Return to Play Considerations for AT Students. *University of Alabama Lectures to Athletic Training Students*. Tusculoosa, AL., March 30, 2015.

Guskiewicz, K.M. Best Practices for Head and Neck Injuries. *2015 Collaborative Solutions for Safety in Sport*. New York, New York., March 27, 2015.

Guskiewicz, K.M. Sports-Related Concussion: Legitimate Concern Vs. Paranoia? *Huffines Discussion 4*. College Station, TX., November 21, 2014.

Guskiewicz, K.M. Making Sport Safer Through Innovative Science. *University of Georgia Bernard Ramsey Lecture*. Athens, GA., November 6, 2014.

Guskiewicz, K.M. Best Practices for Acute Injury Evaluation. USA Soccer Sports Medicine Meeting. Chicago, IL., October 21, 2014.

Guskiewicz, K.M. Use of Innovative Technologies for Prevention and Management of Sport Related Concussion. *Ahead of the Game: Achieving best practices in youth concussions*. The Center: Orthopedic & Neurosurgical Care & Research, Bend, OR. September 27, 2014.

Guskiewicz, K.M. Concussion Management-Best Practices from Elementary School to the Professional Athlete. *Ahead of the Game: Achieving best practices in youth concussions*. The Center: Orthopedic & Neurosurgical Care & Research, Bend, OR. September 27, 2014.

Guskiewicz, K.M. Current research on concussion prevention and management. *Ahead of the Game: Achieving best practices in youth concussions*. The Center: Orthopedic & Neurosurgical Care & Research. Bend, OR. September 26, 2014.

Guskiewicz, K.M. Biomechanics: Impacting Youth Sports. *Johnson & Johnson Keynote Address. National Athletic Trainers' Association Annual Meeting*. Indianapolis, IN, June 27, 2014.

Adler, R., Herring, S., and Guskiewicz, K.M. Are You Prepared for Concussion Litigation? Case of a TBI in a College Football Player. *National Athletic Trainers' Association Annual Meeting*. Indianapolis, IN, June 27, 2014.

Guskiewicz, K.M. Concussion: Engaging Research to Affect Clinical Care. *The 11th Annual Sports-Related Conference on Concussion and Spine Injury*. Harvard Medical School, Boston, MA., May 23, 2014.

Guskiewicz, K.M. Use of Innovative Technologies for the Prevention and Management of SportRelated Concussion. *Southern Neurological Society Annual Meeting*. Dallas, TX., April 25, 2014.

Guskiewicz, K.M. Hits, Helmets, and Behavior Modification: Biomechanical Considerations for Preventing Concussion in Youth Sport. *IOC World Conference on Injury Prevention in Sport*. Mote Carlo, Monaco, April 12, 2014.

Guskiewicz, K.M. International perspectives on prevention of sport-related concussion: Are we gaining ground? *IOC World Conference on Injury Prevention in Sport*. Mote Carlo, Monaco, April 10, 2014.

Guskiewicz, K.M., and Alberts, J. Use of innovative technologies for the prevention and management of sport-related concussion. *10th World Congress on Brain Injury*. San Francisco, CA., March 20, 2014.

Guskiewicz, K.M. Evidence-based Management and New Directions in Rehabilitation. *10th World Congress on Brain Injury*. San Francisco, CA., March 19, 2014.

Guskiewicz, K.M. Making Sport Safer Through Innovative Science. *Female Athletes and Injury: Prevention, Treatment and Recovery*. Greensboro, NC., October 23, 2013.

Guskiewicz, K.M. Sport-related Concussion in 2013: progress Toward International Consensus. *Medical College of Wisconsin*. Milwaukee, WI., July 30, 2013.

Guskiewicz, K.M. Biomechanics of Concussion: understanding the Forces Behind the Injury. *University of Pittsburgh Medical Center Concussion Conference*. Pittsburgh, PA., June 8, 2013.

Guskiewicz, K.M. Concussion Care for Youth Athletes – Recent Progress and The Road Ahead. *American College of Sports Medicine Annual Meeting*. Indianapolis, IN., May 31, 2013.

Guskiewicz, K.M. The Art & Science of Concussion: translating Data into Concussion Prevention. President's Lecture. *American College of Sports Medicine Annual Meeting*. Indianapolis, IN., May 30, 2013.

Guskiewicz, K.M. Concussion Consequences – Post Concussion Syndrome, Cognitive Impairment & Depression. *American College of Sports Medicine Annual Meeting*. Indianapolis, IN., May 29, 2013.

Guskiewicz, K.M. Making Sport Safer Through Innovative Science. *Tigerfest – Chapel Hill High School*. Chapel Hill, NC., May 23, 2013.

Guskiewicz, K.M. Concussion Updates: What's new from Zurich 2012. *College Athletic Trainers' Society Spring Symposium for Athletic Trainers and Team Physicians*. Las Vegas, NV., May 16, 2013.

Guskiewicz, K.M. Assessing Balance in the Concussed Athlete: A Practical Approach. *Sports Neuropsychology Society*. Minneapolis, MN, May 4, 2013.

Guskiewicz, K.M. Making Sport Safer Through Innovative Science (Keynote Address). *Annual Neuroscience Symposium: The Neuroscience of Mental Health*. Kent State University, Kent, OH., April 29, 2013.

Guskiewicz, K.M. Call for Player Safety in College Sport. *Collegiate Sports Summit*. Santa Monica, CA., April 19, 2013.

Guskiewicz, K.M. Hits, Helmets, and Behavior Modification: Biomechanical Considerations for Preventing Concussion. *American Medical Society for Sports Medicine Annual Meeting*. San Diego, CA., April 18, 2013.

Guskiewicz, K.M. Assessing Balance in the Concussed Athlete: A Practical Approach. *American Medical Society for Sports Medicine Annual Meeting*. San Diego, CA., April 18, 2013.

Guskiewicz, K.M. The Other Side of the Equation: Concussion Prevention. *American Academy of Orthopedic Surgeon's Annual Meeting*. Chicago, IL., March 22, 2013.

Guskiewicz, K.M. Neurotrauma: Engaging research to affect concussion prevention & clinical care. *Matthew Gfeller Sport-Related TBI Research Center's Bi-Annual Symposium*. Chapel Hill, NC, March 8, 2013.

Guskiewicz, K.M. The Other Side of the Equation: Concussion Prevention. *Andrews Institute Injuries in Football Conference*. Pensacola, FL., March 2, 2013.

Guskiewicz, K.M. The Role of Sports Rules and Training in the Prevention of Sports-Related Concussions in Youth. *National Academy of Sciences' (NAS's) Committee on Sports-Related Concussions in Youth*. Washington, DC., February 25, 2013.

Guskiewicz, K.M., *Improving Sport Through Innovative Science*. TEDxUNC Talk. Memorial Hall, University of North Carolina, Chapel Hill, NC., February 9, 2013.

Guskiewicz, K.M. Preventing Concussion in Sport: From the Lab to the Law. *Eastern Athletic Trainers' Association Annual Meeting*. Buffalo, NY., January 5, 2013.

Guskiewicz, K.M. Prevention of Sport Concussion: Improving Helmet Design vs. Modifying Behavior. *Eastern Athletic Trainers' Association Annual Meeting*. Buffalo, NY., January 4, 2013.

Guskiewicz, K.M. What is the role of balance testing in diagnosis given that some sports have practical difficulties? *4th International Consensus Conference on Concussion in Sport*. Zurich, Switzerland. November 1, 2012.

Guskiewicz, K.M. Cumulative effects of concussive and sub-concussive blows. *Concussion in Sports Symposium*. Penn State University, State College, PA. October 12, 2012.

Guskiewicz, K.M. Translating Objective Data into Concussion Prevention and Improved Management. *Mayo Clinic Symposium on Concussion in Sport*. Scottsdale, AZ. September 28, 2012.

Guskiewicz, K.M. Current state of concussion management and recommended best practices. *Division 1-A Athletic Directors Annual Meeting*. Grapevine, TX. September 24, 2012.

Guskiewicz, K.M. Considerations for Neuropsychological Testing in the Adolescent Athlete: Implications for the Playing Field and Classroom. *National Academy of Kinesiology Annual Meeting*. Portland, OR. September 21, 2012.

Guskiewicz, K.M. On-field preparedness for head injuries and concussion treatment. *American Orthopedic Society for Sports Medicine Annual Meeting*. Baltimore, MD. July 12, 2012.

Guskiewicz, K.M. Preventing Concussion in Sport: From the Lab to the Law. *Marietta Sports Med Symposium*. Marietta, OH. July 10, 2012.

Guskiewicz, K.M. Current Concepts in Evaluation and Management of Sports Related Concussion. *Marietta Sports Med Symposium*. Marietta, OH. July 10, 2012.

Guskiewicz, K.M. Case of a TBI in a College Football Player: Legal concerns about everyday athletic training tasks. *NATA Annual Meeting and Symposium*. St. Louis, MI. June 27, 2012.

Guskiewicz, K.M. The Art and Science of Making a Difference: Translating Concussion Data into Concussion Prevention. *Art & Science of Sports Medicine Conference*. The University of Virginia. Charlottesville, VA; June 7, 2012.

Guskiewicz, K.M. Is concussion the same the world around? Rugby in the U.S., Ireland, Australia & more. *ACSM Annual Meeting*. San Francisco, CA; May 31, 2012

Guskiewicz, K.M. Hits & Helmets: Improving Helmet Design vs Modifying Behavior. *ACSM Annual Meeting*. San Francisco, CA; May 30, 2012.

Guskiewicz, K.M. The Science of Sport Concussion: Translating Data into Concussion Prevention. *Medical College of Wisconsin's Annual Neurosciences Symposium*. Milwaukee, WI; May 18, 2012.

Guskiewicz, K.M. Instituting a Comprehensive Concussion Program. *National Sports Medicine and Sports Law Conference*. Clearwater, FL; May 14, 2012.

Guskiewicz, K.M. Current state of concussion management & recommended best practices for emergency planning. *Biltmore Resort, Fiesta Bowl Summit*. Phoenix, AZ; May 3, 2012.

Guskiewicz, K.M. Biomechanics of Sports Concussion. *Youth Sports Concussion Conference: Definition, Assessment, Research, and Oregon's Max's Law*. Bend, OR; April 21, 2012.

Guskiewicz, K.M. Sports Concussion- From sideline to office. *Youth Sports Concussion Conference: Definition, Assessment, Research, and Oregon's Max's Law*. Bend, OR; April 21, 2012.

Guskiewicz, K.M. Sports Concussion Management in Schools. *Youth Sports Concussion Conference: Definition, Assessment, Research, and Oregon's Max's Law*. Bend, OR; April 21, 2012.

Guskiewicz, K.M. *The Science and Technology of Sport Concussions, Bennan and Smith Lecture Series*. Texas State University, San Marcos, TX; April 5, 2012.

Guskiewicz, K.M. Clinical Spectrum of Sports TBI. *Keystone Symposia on Molecular and Cellular Biology*. Keystone, CO; February 27, 2012.

Guskiewicz, K.M. Preventing Concussion in Sport: From the Lab to the Law. *Southeast American College of Sports Medicine 2012 Annual Meeting*. Jacksonville, FL; February 11, 2012.

Guskiewicz, K.M. Concussion Prevention: Improving Helmet Design vs Modifying Behavior. *Big Sky Athletic Training Sports Medicine Conference*. Big Sky, MT; January 30, 2012.

Guskiewicz, K.M. Concussion in the Athlete. *Sooner Sports Medicine Symposium Concussion & C-Spine*. Norman, OK; January 13, 2012.

Guskiewicz, K.M. The Science of sport concussion: Translating data collection into concussion prevention. *Cleveland Clinic*. Cleveland, OH; November 29, 2011.

Guskiewicz, K.M. The Science of sport concussion: Translating Data Collection into concussion prevention and improved management. *American Academy of Physical Medicine and Rehabilitation Annual Assembly Concussion Symposium*. Orlando, FL; November 18, 2011.

Guskiewicz, K.M. Pathophysiology of Sport Concussion and Headache; Implication for Return to Play. *Scottsdale Headache Symposium*. Scottsdale, AZ; November 10, 2011.

Guskiewicz, K.M. The science and technology of sport concussion: Translating data collection into concussion prevention. *Knuttgen Keynote Lecture, New England Chapter of ACSM Annual Fall Conference*. Providence, RI; November 4, 2011.

Guskiewicz, K.M. The Science of Sport Concussion: Translating Data Collection into Concussion Prevention. *Licht Lectureship*. Minneapolis, MN; October 20, 2011.

Guskiewicz, K.M. Youth Concussion: Why Be concerned? *Concussion in Sports: Nothing Mild About it: NASHIA Pre-Conference Workshop*. Kansas City, Missouri; October 3, 2011.

Guskiewicz, K.M. The Science of Sport Concussion: Translating Data Collection into Concussion Prevention. *MossRehab's Concussion Management and Sports Medicine Conference*. Fort Washington, PA; July 8, 2011.

Guskiewicz, K.M. Concussion and Post-Concussion Syndrome: When to Rest and When to Rehab? *Concussion Management and Sports Medicine Conference*. Fort Washington, PA; July 8, 2011.

Guskiewicz, K.M. Emerging Technologies in Helmeted Sports: A look at Football, Ice Hockey, and Lacrosse. *National Athletic Trainers' Association Annual Meeting*. New Orleans, LA; June 20, 2011.

Guskiewicz, K.M. Rehabilitation Following mTBI. *National Athletic Trainers' Association Annual Meeting*. New Orleans, LA; June 20, 2011.

Guskiewicz, K.M. Can You Hear Me Now? Communication Skills for the Athletic Trainer. *National Athletic Trainers' Association Annual Meeting*. New Orleans, LA; June 20, 2011.

Guskiewicz, K.M. Identification of mTBI, with an Emphasis on Sports-Related Injury. *Federal Interagency Conference on Traumatic Brain Injury*. Washington, D.C; June 13, 2011.

Guskiewicz, K.M. The Natural History of Mild Traumatic Brain Injury; Lessons Learned from Sports Concussion Research on Acute and Chronic Effects. *Federal Interagency Conference on Traumatic Brain Injury*. Washington, D.C; June 15, 2011.

Guskiewicz, K.M. What We Need to Know About Concussions. *Pennsylvania Athletic Trainers' Society Annual Symposium*. Lancaster, PA; June 10, 2011.

Guskiewicz, K.M. Diagnosis, Treatment, Management of Concussion. *Jacksonville Concussion Summit*. Jacksonville, FL; June 4, 2011.

Guskiewicz, K.M. Neuropsychological Examination of the Concussed Athlete. *Jacksonville Concussion Summit*. Jacksonville, FL; June 4, 2011.

Guskiewicz, K.M. Return to Play Considerations. *Jacksonville Concussion Summit*. Jacksonville, FL; June 4, 2011.

Guskiewicz, K.M. Balance Assessment. *Biological Assessment of Brain Dysfunction*. Washington, DC; May 25, 2011.

Guskiewicz, K.M. Quantitative Assessment in Mild TBI. *Johns Hopkins Traumatic Brain Injury, A National Conference; From Impact to Recovery*. Baltimore, MD; May 21, 2011.

Guskiewicz, K.M. The Science of Sport Concussion: Translating Data Collection into Concussion Prevention. *Sanford Sports Medicine Symposium*. Soix Falls, SD; May 5, 2011.

Guskiewicz, K.M. Concussion and Post-Concussion Syndrome: When to Rest and When to Rehab? *Sanford Sports Medicine Symposium*. Soix Falls, SD; May 5, 2011.

Guskiewicz, K.M. Preventing Sudden Death in Sport: Head Injury. *Sanford Sports Medicine Symposium*. Soix Falls, SD; May 5, 2011.

Guskiewicz, K.M. Concussions: Where We Are and Where We're Going. *2011 Multidisciplinary Concussion Summit*. Erie, PA; April 29, 2011.

Guskiewicz, K.M. Athlete Education and Behavior Modification in Preventing Concussion. *International Sport Injury Prevention Congress*. Monaco; April 9, 2011.

Guskiewicz, K.M. Concussion Management Update. *NCCA's 2011 Nurse Practitioner Spring Symposium*. Pinehurst, NC; March 29, 2011.

Guskiewicz, K.M. What is the Role of Balance Assessment in Understanding Concussion Severity and Recovery? *National Football League's "NFL Combine - Team Physician Meeting."* Indianapolis, IN; February 24, 2011.

Guskiewicz, K.M. Helmet Testing and On-Field Monitoring of Safety Equipment & Player Behavior. *National Football League's "NFL Combine – Competition Committee Meeting."* Indianapolis, IN; February 22, 2011.

Guskiewicz, K.M. Sport Concussion: Facts, Fallacies and Frontiers. *North Carolina Neurologic Society Annual Meeting*. Cary, NC; February 19, 2011.

Guskiewicz, K.M. Sports Concussion: Facts, Fallacies and Frontiers. *Danish Congress of Medicine and Science in Sports*. Odense, Denmark; February 4, 2011

Guskiewicz, K.M. Sport-Related Concussion: Considerations for Football Coaches. *American Football Coaches Association's Annual Meeting*. Dallas, TX; January 10, 2011.

Guskiewicz, K.M. Preventing Sudden Death in Sport: Head Injury Considerations; *National Strength and Conditioning Association Annual Meeting*. Dallas, TX, January 8, 2011.

Guskiewicz, K.M. Challenges we face: Equipment standards and rules changes based on empirical evidence. *The National Football League's Head, Neck, and Spine Committee's Summit*. New York, NY; December 8, 2010.

Guskiewicz, K.M. The Science of Sport Concussion: Translating Data Collection into Concussion Prevention. *The American Academy of Neurological Surgery - 75th Annual Meeting*. Pebble Beach, CA; November 6, 2010.

Guskiewicz, K.M. Sports Concussion: Facts, Fallacies and Frontiers. *Missouri Brain Injury Association*. St. Charles, Missouri; October 22, 2010.

Guskiewicz, K.M. The Science of Translation from Data Collection to Concussion Prevention: Changing the Practice Profile. *Mayo Clinic's Ice Hockey Summit: Action on Concussion*, Rochester, MN; October 19, 2010.

Guskiewicz, K.M. Physical Education Curriculum Priorities: Athletic Training & Biomechanics Perspectives – Safe Exercise is Medicine. *American Academy of Kinesiology and Physical Education Annual Symposium*, Williamsburg, VA; October 8, 2010.

Guskiewicz, K.M. Sport Concussion: Are We Headed in the Right Direction? *New Hampshire Musculoskeletal Institute's 17th Annual Symposium*, Bedford, NH, September 11, 2010.

Guskiewicz, K.M. The Concussion Dilemma: Are We Headed in the Right Direction? *56th Southwestern Athletic Trainers' Association's Annual Meeting and Clinical Symposium*. Arlington, TX, July 23, 2010.

Guskiewicz, K.M. Preventing Sudden Death in Sport: Head Injury Considerations; Johnson & Johnson Featured Symposium. *National Athletic Trainers' Association*. Philadelphia, PA, June 24, 2010.

Guskiewicz, K.M. Concussion and Post-Concussion Syndrome: When to Rest, Exercise, or Return to Sport. *American Physical Therapy Association*. Boston, MA, June 17, 2010.

Guskiewicz, K.M. Emotional and Cognitive Problems in Football Players. *Traumatic Brain Injury in Professional Football: An Evidence-Based Perspective*. Sponsored by Johns Hopkins Medical Center and The National Football League, Washington, DC, June 2, 2010.

Guskiewicz, K.M. Sports-Induced Concussion Biomechanics. *National Concussion Summit*. Los Angeles, CA, May 14, 2010.

Guskiewicz, K.M. and Bytomski, J.R. Concussion Management Update and Challenges with Return to Play. *College Athletic Trainers' Society Annual Meeting*. Las Vegas, NV, May 13, 2010.

Guskiewicz, K.M. Removing the Guesswork in the Management of PCS: Strategies for Assessment and Rehabilitation. *American Medical Society for Sports Medicine Annual Meeting*, Cancun, Mexico, April 21, 2010.

Guskiewicz, K.M. Concussion Prevention: Facts, Fallacies and Frontiers. *American Medical Society for Sports Medicine Annual Meeting*, Cancun, Mexico, April 19, 2010.

Guskiewicz, K.M. Clinical Sequelae of Multiple Traumatic Brain Injuries. *62nd Annual American Academy of Neurology Annual Meeting*, Toronto, Ontario, April 2, 2010.

Guskiewicz, K.M. Epidemiology of Traumatic Brain Injury in Football. *Wecht Institute of Forensic Science and Law*, Duquesne University, Pittsburgh, PA, March 12, 2010.

Guskiewicz, K.M. Sports Concussion Across the Lifespan: A Cause for Concern? *University of Washington*, Seattle, WA, March 6, 2010.

Guskiewicz, K.M. New Research in Athletic Brain Injury. *Athletic Trainers' Society of New Jersey Annual Conference*, Plainsboro, NJ, March 1, 2010.

Guskiewicz, K.M. Sideline Evaluation of Sport Concussion. *Athletic Trainers' Society of New Jersey Annual Conference*, Plainsboro, NJ, February 28, 2010.

Guskiewicz, K.M. Sports Concussion Across the Lifespan: A Cause for Concern? *UNC-Chapel Hill Athletic Training Symposium*, Chapel Hill, NC, February 27, 2010.

Guskiewicz, K.M., Whitney, S., Cantu, R., and Nowinski, C. Concussion and Mild Traumatic Brain Injury Update 2010. *American Physical Therapy Association, Sports Physical Therapy Association*, San Diego, CA, February 18, 2010.

Guskiewicz, K.M. The Long Term Effects of mTBI in Football. *The Inaugural Meeting of the Mackey-White Committee*. Sponsored by the NFLPA, West Palm Beach, FL, January, 26 2010.

Guskiewicz, K.M. The Long Term Effects of mTBI: Using Sport as a Laboratory. *The National Institute of Aging: TBI and the Risk of Dementia*, Bethesda, MD, September 16, 2009.

Guskiewicz, K.M. Sport-Related Concussion: Navigating the Latest Research Findings & Clinical Recommendations. *International Symposium on Prevention and Management of Sport Injuries*. Beijing Sport University, Beijing, China, July 4, 2009.

Guskiewicz, K.M., Brogio, S., Mihalik, J. Sport-Related Concussion: Navigating the Latest Research Findings and Clinical Recommendations. *National Athletic Trainers' Association Annual Meeting*, San Antonio, TX, June 20, 2009.

Klossner, D., Marshall, S.W., Guskiewicz, K.M., Hootman, J. Evidence Based Medicine: Breaking down the stats on injury surveillance and sport related concussion: what do the statistics mean and how can I apply them? *National Athletic Trainers' Association Annual Meeting*, San Antonio, TX, June 20, 2009.

Guskiewicz, K.M. Learning Lab: Sideline Concussion Assessment. *National Athletic Trainers' Association Annual Meeting*, San Antonio, TX, June 20, 2009.

Guskiewicz, K.M. Current Trends in Concussion Assessment and Intervention. *National Athletic Trainers' Association Annual Meeting*, San Antonio, TX, June 18, 2009.

Guskiewicz, K.M. The Concussion Dilemma: Are We Headed in the Right Direction? *National Athletic Trainers' Association Annual Meeting*, San Antonio, TX, June 18, 2009.

Guskiewicz, K.M. *Updates on Concussion Management: Are We Headed in the Right Direction?* The Ohio State University – Sports Medicine Grand Rounds, Columbus, OH, June 5, 2009.

Guskiewicz, K.M., Herring, S., Putukian, M. Managing Sports-Related Concussion in the Youth and Adolescent Athlete. *American College of Sports Medicine 2009 Annual Meeting*. Seattle, WA, May 27, 2009.

Guskiewicz, K.M. Catastrophic Brain Injuries in Sport. *Mid-Atlantic athletic Trainers' Association Annual Symposium*. Virginia Beach, VA, May 17, 2009.

Guskiewicz, K.M. & Cantu, R. Current Concepts in Concussion Management. *2009 College Athletic Trainer's Society Spring Symposium for Athletic Trainers and Team Physicians*. Las Vegas, NV, May 14, 2009

Guskiewicz, K.M. Concussion Management. *North Carolina Athletic Trainers' Association 32nd Annual Business Meeting and Symposium*. Concord, NC, March 7, 2009.

Guskiewicz, K.M. Concussion Assessment: Athletic Trainers and Physicians Under the Microscope. *Emory University Sports Medicine Symposium*, Atlanta, GA, March 11, 2009

Guskiewicz, K.M. Sports-Related Concussion Management. *North Carolina Neurological Society*. Chapel Hill, NC, February 20, 2009.

Guskiewicz, K.M. Long-Term Effects of Sport Concussion: A Study of Retired Professional Football Players. *National Academy of Neuropsychology*. New York, NY, October 21, 2008.

Guskiewicz, K.M. Working across campus to build an interdisciplinary research team: drafting the best players. *78th Annual Meeting of the American Academy of Kinesiology*. Chicago, IL, September 26, 2008.

Guskiewicz, K.M. Epidemiology of Sport-Related Concussion in Sport and Recreation. *19th Annual State of the States in Head Injury Conference*; Hosted by: *National Association of State Head Injury Administrators*, Williamsburg, VA, September 11, 2008.

Guskiewicz, K.M. Sport-Related Concussion: Is Research Driving Clinical Practice? *Head Injury and Concussion Symposium*; Hosted by: *Bone & Joint Injury Prevention & Rehabilitation Center*, University of Michigan, Ann Arbor, MI, August 4, 2008.

Guskiewicz, K.M., Kaminski, T., and Putukian, M. Heading in the Right Direction? An In-Depth Analysis of Head Safety in Sport. *National Athletic Trainers' Association Annual Meeting*, St. Louis, MO, June 18, 2008.

Guskiewicz, K.M., Cantu, R.C., Broglio, S., Mihalik, J.A., and Bailey, C. Neuropsychological Assessment of the Concussed Athlete: Only One Piece of the Concussion Puzzle. *American College of Sports Medicine Annual Symposium*. Indianapolis, IN, May 28, 2008.

Guskiewicz, K.M. What's New in Concussion Research. *Brigham and Women's Hospital - Neurological Sport Trauma Symposium*. Boston, MA, May 9, 2008.

Guskiewicz, K.M. The NCAA Concussion Study: Recovery and Cumulative Effects. *The National Concussion Summit*. Marina Del Rey, CA. April 19, 2008.

Guskiewicz, K.M. Concussion and equilibrium: diagnosis and treatment. *International Consensus Conference Concussion in Football: Diagnosis, Prevention and Rehabilitation*. Chelsea Football Club, Stamford Bridge, London, UK, March 28, 2008.

Guskiewicz, K.M., Barth, J., Echemendia, R., Cantu, R., et al. Controversies in the World of Sports Concussion: Sheldon Berrol Memorial Chautauqua. *American Congress of Rehabilitation Medicine and the American Society of Neurorehabilitation Annual Meeting*. Washington, DC. October 4, 2007.

Guskiewicz, K.M. Sport Medicine & Athletic Training in the 21st Century: Bridging the Gap Between Research and Clinical Practice. *American Academy of Kinesiology and Physical Education*. Savannah, GA. September 29, 2007.

Guskiewicz, K.M. Return to Play Decisions & Rehabilitation Following Concussion. *National Athletic Trainers' Association Annual Meeting*. Anaheim, CA. June 29, 2007.

Guskiewicz, K.M. Co-morbidities Related to Osteoarthritis in Retired Athletes. *National Athletic Trainers' Association Annual Meeting*. Anaheim, CA. June 28, 2007.

Guskiewicz, K.M., Burkholder, R., & Tucker, A. Assessing mTBI Cases & Return to Play in the Same Game. *NFL Player Health and Safety Meeting*. Chicago, IL, June 19, 2007.

Guskiewicz, K.M., Biomechanics of Concussion: New Technologies for Assessing Concussion Impacts. *American College of Sports Medicine*. New Orleans, LA, May 31, 2007.

Guskiewicz, K.M. Updates on Management of Sport Related Concussion. *College Athletic Trainers' Society Spring Symposium for Athletic Trainers and Team Physicians*. Las Vegas, Nevada. May 17, 2007.

Guskiewicz, K.M. Biomechanics of Sport Related Concussion. *The Concussion Summit*. Marina Del Rey, CA. April 20, 2007.

Guskiewicz, K.M. The NCAA Concussion Study and the Cumulative Effects of Concussion. *The Concussion Summit*. Marina Del Rey, April 20, 2007.

Guskiewicz, K.M. and Mihalik J.P. Real-Time Analysis of Impacts in Collegiate Football and Youth Hockey. Third International Meeting on Minor Traumatic Brain Injuries in Sport. St. Moritz, Switzerland, March 14, 2007.

Guskiewicz, K.M. Postural Stability Assessment & Rehabilitation Following Sport-Related Concussion. Third International Meeting on Minor Traumatic Brain Injuries in Sport. St. Moritz, Switzerland, March 14, 2007.

Guskiewicz, K.M. Great Lakes Athletic Trainers' Association's *Annual Pinky Newell Lecture*. Sport-Related Concussion: Is Research Driving Clinical Practice? St. Charles, IL. March 9, 2007.

Guskiewicz, K.M. American Physical Therapy Association - Sport Section. *Team Concept Conference*. A,B,C's of on-field management of concussion. Las Vegas, NV, December 3, 2006.

Guskiewicz, K.M. American Physical Therapy Association - Sport Section. *Team Concept Conference*. The Concussion Puzzle: Putting all the pieces together. Las Vegas, NV, December 3, 2006.

Guskiewicz KM, Case Definition and Natural History of Mild Traumatic Brain Injury. *Defense and Brain Injury Center's Working Group on the Acute Management of Mild Traumatic Brain Injury*, Washington DC, November 9, 2006.

Guskiewicz, K.M. 2006 Todd Bell Memorial Lecture: Risk of Cardiovascular Disease in Retired NFL Players. The Ohio State University, Columbus, OH. July 28, 2006.

Guskiewicz, K.M. Current Concepts in Concussion Management. *National Athletic Trainers' Association Annual Meeting*. Atlanta, GA, June 15, 2006.

Guskiewicz, K.M. Postural Stability as an Assessment Tool and Rehabilitation Strategy Following Sport Concussion. *Second International Meeting on Minor Traumatic Brain Injuries in Sport*. St. Moritz, Switzerland, March 16, 2006.

Guskiewicz, K.M. Recurrent Concussion in a Collegiate Football Player Equipped with the Head Impact Telemetry System. *Second International Meeting on Minor Traumatic Brain Injuries in Sport*. St. Moritz, Switzerland, March 16, 2006.

Guskiewicz, K.M. Association Between the Incidence of Cerebral Concussions & Dental Injuries, and Mouthguard Usage Among Collegiate Ice Hockey Players. *Second International Meeting on Minor Traumatic Brain Injuries in Sport*. St. Moritz, Switzerland, March 16, 2006.

Guskiewicz, K.M. Concussion by the Numbers: An Epidemiologic Look at Sports Related Concussion. *Second Federal Interagency Conference on Traumatic Brain Injury*. Bethesda, MD, March 9, 2006.

Guskiewicz, K.M. Sport-Related Concussion: Understanding and Using Sideline Management Tools. *Canisius College Visiting Scholars Lecture Series*. Buffalo, NY, February 14, 2006.

Guskiewicz, K.M. Researcher's Forum: An Awardee's Perspective. *National Athletic Trainers' Association Annual Meeting*. Indianapolis, IN, June 15, 2005.

Valovich-Mcleod, T., Guskiewicz, K.M., and McCrea, M. Incorporating the NATA Concussion Position Statement Into Clinical Practice. *National Athletic Trainers' Association Annual Meeting*. Indianapolis, IN, June 12, 2005.

Guskiewicz, K.M. Management of Sport-Related Concussion. *The Art & Science of Sports Medicine 2005*. University of Virginia, Charlottesville, VA, June 9, 2005.

Guskiewicz, K.M. Using Sideline Tools in the Management of Sport-Related Concussion. *The Art & Science of Sports Medicine 2005*. University of Virginia, Charlottesville, VA, June 9, 2005.

Guskiewicz, K.M. Return to play decisions following concussion: Is research providing the right answers? *American College of Sports Medicine Annual Meeting*. Nashville, TN, June 4, 2005.

Guskiewicz, K.M. Current Concepts in Concussion Management. *College Athletic Trainers' Society Spring Symposium for Athletic Trainers and Team Physicians*. Las Vegas, Nevada, May 13, 2005.

Guskiewicz, K.M. Sideline Assessment and Management of Sport-Related Concussion. *Brain Injury Association of Maryland – Best Practices in Sports Concussion Management: On the Field, With the Physician, In the Classroom*. Ellicott City, Maryland, April 15, 2005

Cantu, R.C., Guskiewicz, K.M., McCrea, M., Valovich-McLeod, T. Open Scientific Paper Session: Recommendations from 2004 NATA Position Statement on Management of Concussion in Sport and 2004 Prague International Concussion Conference Consensus Statement. *5th Annual Sports Medicine and Neurotrama Review*. Orlando, Florida, March 12, 2005.

Guskiewicz, K.M. Biomechanics of Concussion: New Technologies for Assessing Concussion Impacts. *5th Annual Sports Medicine and Neurotrama Review*. Orlando, Florida, March 12, 2005.

Guskiewicz, K.M. Understanding and Using Sideline Management Tools. *5th Annual Sports Medicine and Neurotrama Review*. Orlando, Florida, March 12, 2005.

Guskiewicz, K.M. Current Health Survey (2003) of Retired Professional Football Players. (part of mini-symposium on Cardiovascular Health Patterns in Elite Athletes: Bigger May Not be Better in NFL Players. *American College of Cardiology Annual Scientific Session – 2005*. Orlando, Florida, March 7, 2005.

Guskiewicz, K.M. Sport-Related Concussion: Understanding and Using Sideline Assessment Tools. *Brain Injury Association of New York State – 2004 Sports and Concussion Symposium*. Madison Square Garden, New York City, NY, December 10, 2004

Guskiewicz, K.M. Concussion by the Numbers: An Epidemiological Look at Sport-Related Concussion. *20th Annual Hawkeye Sports Medicine Symposium*. Iowa City, Iowa, December 3, 2004.

Guskiewicz, K.M. Biomechanics of Concussion: Relationship Between Biomechanical, Neuroanatomical, and Clinical Measures. *20th Annual Hawkeye Sports Medicine Symposium*. Iowa City, Iowa, December 3, 2004.

Guskiewicz, K.M. Piecing Together the Concussion Puzzle – Clinical Considerations for Athletic Trainers and Team Physicians *20th Annual Hawkeye Sports Medicine Symposium*. Iowa City, Iowa, December 3, 2004.

Guskiewicz, K.M. Concussion in Sport: New Insights into an Old Problem. *New England American College of Sports Medicine*. Providence, RI, November 12, 2004.

Guskiewicz, K.M. Postural Stability as an Assessment Tool and Rehabilitation Strategy. *Second International Symposium on Concussion In Sport*. Prague, Czech Republic, November 5, 2004.

Guskiewicz, K.M. Life After Football: A Life of Hard Knocks? *Inter-Urban Orthopedics Society Annual Meeting*. Chapel Hill, NC, October 1, 2004.

Guskiewicz, K.M. Concussion By the Numbers: NATA's Mild Brain Injury – Special Interest Group. *National Athletic Trainers' Association Annual Meeting*. Baltimore, MD, June 18, 2004.

Guskiewicz, K.M. NCAA Concussion Study: Bridging the Gap Between Research and Clinical Practice. *Brigham and Women's Hospital - Neurological Sport Trauma Symposium*. Boston, MA, May 15, 2004.

Guskiewicz, K.M. Sport Related Concussion: Update on Research and Clinical Practice. *College Athletic Trainers' Society Spring Symposium*. Las Vegas, Nevada, May 6, 2004.

Guskiewicz, K.M. Sport-Related Concussion: Bridging the Gap Between Research and Clinical Practice. *Contemporary Management of Sports-Related Concussion Symposium*. West Chester, PA, March 20, 2004.

Guskiewicz, K.M. Standardized Sideline Assessment of Sport-Related Concussion
Contemporary Management of Sports-Related Concussion Symposium. West Chester, PA, March 20, 2004.

Guskiewicz, K.M. Sport-Related Concussion: Bridging the Gap Between Research and Clinical Practice. *North Carolina Athletic Trainers' Association 27th Clinical Symposium*. Wrightsville Beach, NC, March 14, 2004.

Guskiewicz, K.M. Alternative Approaches to Evaluation of Concussion. *17th Annual Family Practice Weekend and Sports Medicine Conference*. Huntington, WV. November 16, 2003.

Guskiewicz, K.M. Management of Sport-Related Concussion. *North Carolina Health Education Foundation*. Barton College, Wilson, NC. November 12, 2003.

Guskiewicz, K.M. Pathophysiology and Anatomical Considerations in Traumatic Brain Injury. *National Basketball Athletic Trainers' Association Student Workshop*. *National Athletic Trainers' Association Annual Meeting*. St. Louis, MO. June 28, 2003.

Guskiewicz, K.M. Mild Brain Injury – Special Interest Group. *National Athletic Trainers' Association Annual Meeting*. St. Louis, MO. June 28, 2003.

Guskiewicz, K.M. Sport-Related Concussion Options. *National Athletic Trainers' Association Annual Meeting*. St. Louis, MO. June 28, 2003.

Guskiewicz, K.M. Grant Writing and Funding Opportunities. *National Athletic Trainers' Association Annual Meeting*. St. Louis, MO. June 25, 2003.

Guskiewicz, K.M. Mild Traumatic Brain Injury – Return to Activity Criteria. *Hawaii Athletic Trainers' Association Annual Symposium*. Honolulu, HI. June 6, 2003.

Guskiewicz, K.M. Major orthopaedic injuries in former NFL players: Arthritic sequelae and reductions in physical functioning (part of mini-symposium on Life After Football: The Health of NFL Retirees). *American College of Sports Medicine Annual Meeting*. San Francisco, CA. May 30, 2003.

Guskiewicz, K.M., and J. Troy Blackburn. Assessment of Mild Traumatic Brain Injury (MTBI). Pre-conference workshop sponsored by the National Athletic Trainers' Association. Virginia Beach, VA. May 15, 2003.

Guskiewicz, K.M. Life After Football: Is it a Life of Hard Knocks? *7th Annual Symposium on Neurotrauma in Sports*. Orlando, FL. February 6, 2003.

Guskiewicz, K.M. Assessment of Sport-Related Concussion: Considerations for the Athletic Trainer. *7th Annual Symposium on Neurotrauma in Sports*. Orlando, FL. February 6, 2003.

Guskiewicz, K.M. MTBI as a Risk Factor for Progressive Neurologic Disorder. *International Conference on Closed Head Trauma: Traumatic Brain Injury (TBI) Mechanisms and Design Criteria for Effective Protection Strategies*. San Juan, Puerto Rico. January 28, 2003.

Guskiewicz, K.M. Assessment of Balance and Vestibular Function. *International Conference on Closed Head Trauma: Traumatic Brain Injury (TBI) Mechanisms and Design Criteria for Effective Protection Strategies*. San Juan, Puerto Rico. January 28, 2003.

Guskiewicz, K.M. Concussion Management in the Athlete. *4th Annual Sooner Sports Medicine Symposium*. Oklahoma City, OK. January 10, 2003.

Guskiewicz, K.M. The Concussion Puzzle. *8th Annual Triangle Sports Medicine Symposium*. Raleigh, NC. December 14, 2002.

Guskiewicz, K.M. Sport Related Concussion: Bridging the Gap Between Research and Clinical Practice. *10th Anniversary Celebration of The National Center for Injury Prevention and Control*, Baltimore, MD. June 20, 2002.

Guskiewicz, K.M. The Concussion Puzzle: Putting All the Pieces Together. *Johnson and Johnson Symposium; National Athletic Trainers' Association Annual Meeting*. Dallas, TX. June 16, 2002.

Guskiewicz, K.M. Future Directions of Sport Related Mild Head Injury Research. Mild Head Injury Special Interest Group: *National Athletic Trainers' Association Annual Meeting*. Dallas, TX. June 15, 2002.

Guskiewicz, K.M. Assessment of Postural Stability Following Athletic Injury. *American College of Sports Medicine Annual Meeting*. St. Louis, MO. May 30, 2002.

Guskiewicz, K.M. Life After The NFL: A Life of Hard Knocks? *National Football League Retired Players' Association Annual Meeting*. Phoenix, AZ. May 23, 2002.

Guskiewicz, K.M. Sport-Related Concussion: Five Compelling Questions. *Southeastern Athletic Trainers' Association*. Atlanta, GA. March 15, 2002.

Guskiewicz, K.M. Bridging the gap between research and clinical practice. *Eastern Athletic Trainers' Association*. Boston, MA. January 7, 2002.

Guskiewicz, K.M. No evidence of neuropsychological impairment in collegiate soccer players. *Neuropsychological consequences of head impact in youth soccer*. Institute of Medicine (National Academy of Sciences). Washington, DC. October 12, 2001.

- Guskiewicz, KM. Clinical applications of balance and postural stability assessment. *2001 N.A.T.A. Annual Meeting-Symposium*. Los Angeles, CA. June 21, 2001.
- Guskiewicz, KM. Management of Sports-related Concussion: New Insights into and Old Problem. *2001 American College of Sports Medicine Annual Meeting*. Baltimore, MD. May 31, 2001.
- Guskiewicz, KM. Sport-related concussion: Bridging the gap between research and clinical practice (Keynote speaker). *NATA District III Annual Symposium*. May 18, 2001.
- Guskiewicz, K.M. Concussion in Sport: Bridging the Gap Between Research and Clinical Practice. *Wisconsin Athletic Trainers' Association Symposium*, Madison, WI. April 5, 2001.
- Guskiewicz, K.M., (moderator & discussant), Bailes, J., Cantu, R., and Kelly, J. Expert Opinions on Concussion Grading Scales. *National Athletic Trainers' Association Annual Meeting*. Nashville, TN. June 29, 2000.
- Guskiewicz, K.M. Alternative Approaches to the Assessment of Mild Head Injury in Sport. *American Medical Society for Sports Medicine-Annual Meeting*. San Diego, CA. April 12, 2000.
- Guskiewicz, K.M. Mild head injury in sport: Current research trends. *Consumer Product Safety Commission's Symposium on Head Injury and Youth Sports*. Bethesda, MD. May 2, 2000.
- Guskiewicz, K.M. Alternative Approaches to the Assessment of Mild Head Injury in Sport. *Athletic Institute: Focus on Function*. Pittsburgh, PA. March 25, 2000.
- Guskiewicz, K.M. Alternative Approaches to the Assessment of Mild Head Injury in Sport. *West Virginia Athletic Trainers' Association Annual Symposium*. Parkersburg, WV. March 24, 2000.
- Guskiewicz, K.M. Alternative Approaches to the Assessment of Mild Head Injury in Sport. *National Athletic Trainers' Association Annual Meeting*. Kansas City, MO. June 17, 1999.
- Guskiewicz, K.M. Selection of Graduate Programs and Graduate Assistantships in Athletic Training. *National Athletic Trainers' Association Annual Meeting*. Kansas City, MO. June 16, 1999.
- Guskiewicz, K.M. Alternative Methods of Concussion Assessment. *Sports Related Concussion and Nervous System Injuries Annual Conference*. Orlando, FL. May 28, 1999.
- Guskiewicz, K.M. Athletic Trainers' Perspectives of Concussion Classifications. *Clemson Sports Medicine & Rehabilitation Annual Symposium*. Clemson, SC. July 21, 1998.
- Guskiewicz, K.M. Research Design & Methods. *1998 American Medical Society for Sports Medicine Research Workshop for Primary Care Sports Medicine Fellows*. Chapel Hill, NC. July 18, 1998.
- Guskiewicz, K.M. Effect of Mild Head Injury on Postural Stability. *1998 N.A.T.A. Annual Meeting-Symposium*. Baltimore, MD. June 20, 1998.
- Guskiewicz, K.M. Clinical Guidelines for Assessing and Returning Patients with Mild Head Injuries to Work and Play. *The Colloquia on Orthopedic Rehabilitation and Sports Medicine*, Joe W. King Orthopedic Institute. Houston, TX. April 17, 1998.
- Guskiewicz, K.M. Athletic Trainers Perspectives of Concussion Classifications. *Sports Related Concussion and Nervous System Injuries Annual Conference*. Lake Buena Vista, FL. March 7, 1998.

Guskiewicz, K.M. Mild Head Injury in Sport: Developing Objective Criteria for Return to Play. 1997 *Distinguished Lecture Series in Sports Medicine*. Hope College, Holland, MI. October 15, 1997.

Guskiewicz, K.M. Experiences of a young investigator seeking external funding. 1997 N.A.T.A. Annual Meeting-Symposium. Salt Lake City, UT. June 21, 1997.

Guskiewicz, K.M. Evaluation of mild head injury. 1996 N.A.T.A. Annual Meeting-Workshop. Orlando, FL. June 14, 1996.

Guskiewicz, K.M. Evaluation of mild head injury in sports: Assessment of postural stability and cognitive function. 1996 American College of Sports Medicine Annual Meeting. Cincinnati, OH. May 31, 1996.

Guskiewicz, K.M. Mild head injury in athletics: Effect on postural stability. *Mid-Atlantic Athletic Trainers' Association Annual Meeting*. Virginia Beach, VA. May 20, 1995.

Refereed Published Abstracts/Presentations:

Meehan W, Guskiewicz K, McCrea M, Echemendia R, Brett B. (2024) The Neurological Health of Former National Football League Players: Updates from the NFL LONG Study. 2024 American College of Sports Medicine Annual Meeting, Boston, MA. (May 28-31, 2024).

Walton SR, Yin W, Brett BL, Powell JR, Kerr ZY, McCrea MA, Guskiewicz KM, Giovanello KS. (2023) Can Brain Functional Network Organization Help Us Understand Associations Between Repetitive Head Impact Exposure and Clinical Measures of Brain Health in Former Collegiate Football Players? 2023 National Athletic Trainers' Association Annual Symposium. Indianapolis, IN. (June 21-24, 2023).

Register-Mihalik JK, Ranapurwala SI, Guskiewicz KM, Gildner P, Marshall SW, McCulloch K, Mihalik JP, Prim J, Vander Vegt CB, McCrea M, & The Active Rehab Study Consortium. (2019). Previous concussion history influences health-related quality of life among collegiate student-athletes: Baseline findings from the Active Rehab Study. 2019 American College of Sports Medicine Annual Meeting, Orlando, FL. (May 28-June 1, 2019).

Klotz A, Register-Mihalik JK, Guskiewicz KM, Ranapurwala SI, Gildner P, Marshall SW, McCulloch KL, Mihalik JP, Prim JH, Vander Vegt CB, McCrea M, and The Active Rehab Study Consortium. (2019). Baseline and post-concussion convergence insufficiency in high school and college student-athletes: Findings from the Active Rehab study. 2019 National Athletic Trainers' Association Clinical Symposia & AT Expo, Las Vegas, NV. (June 24-27, 2019).

Register-Mihalik JK, Ranapurwala SI, Guskiewicz KM, Gildner P, Klotz A, Marshall SW, McCulloch KL, Mihalik JP, Prim JH, Vander Vegt CB, McCrea MM, and The Active Rehab Study Consortium. (2019). Preseason psychological distress affects college athletes' health-related quality of life: Findings from the Active Rehab study. 2019 National Athletic Trainers' Association Clinical Symposia & AT Expo, Las Vegas, NV. (June 24-27, 2019).

Cools MJ, Northam WT, Boyd M, Mihalik JP, Guskiewicz KM, & Carneiro KA. (2019). Evaluating acute sport-related concussion in the primary care setting: Are we dropping the ball? 2019 American College of Sports Medicine Annual Meeting, Orlando, FL. (May 28-June 1, 2019).

Northam WT, Cools MJ, Boyd M, Mihalik JP, Guskiewicz KM, and Carneiro KA. Evaluating Acute Sport-related Concussion In The Primary Care Setting: Are We Dropping The Ball? *Medicine & Science in Sports & Exercise*, 51(Supplement), 740, June 2019.

Wu Y-C, Mustafi SM, Harezlak J, Elsaid NM, Lin Z, Rikken LM, Koch K, Nencka A, Meier T, Wang Y, Giza C, DiFiori J, Guskiewicz KM, Mihalik JP, LaConte S, Duma S, Broglio SP, McCrea M, Saykin A, & McAllister TW. (2019). Longitudinal white-matter abnormalities in sports-related concussion: A study of diffusion magnetic resonance imaging from the NCAA-DoD CARE Consortium. *2019 International Society for Magnetic Resonance in Medicine Annual Meeting*, Montreal, Quebec, Canada. (May 11-16, 2019).

Wu Y-C, Mustafi SM, Harezlak J, Elsaid NM, Rikken LM, Koch K, Nencka A, Meier T, Wang Y, Giza C, DiFiori J, Guskiewicz KM, Mihalik JP, LaConte S, Duma S, Broglio SP, McCrea M, Saykin A, & McAllister TW. (2019). Effects of tract length in white matter alterations after sports-related concussion: A diffusion MRI study from the NCAA-DoD CARE Consortium. *2019 International Society for Magnetic Resonance in Medicine Annual Meeting*, Montreal, Quebec, Canada. (May 11-16, 2019).

Giza C, Huber D, Gill J, McArthur D, McAllister T, Broglio S, Meier T, McGinty G, Cameron K, Houston M, Jackson J, Guskiewicz K, Mihalik JP, Brooks A, Duma S, Rowson S, Pasquina P, & McCrea M. (2019). Acute biomarkers in military cadets sustaining concussions outside of varsity sports participation. *2019 Military Health System Research Symposium (MHSRS)*, Kissimmee, FL. (August 20-23, 2019).

McCrea M, Huber D, Gill J, Giza C, McAllister T, Broglio S, Meier T, Cameron K, Houston M, McGinty G, Jackson J, Guskiewicz K, Mihalik JP, Brooks A, Duma S, Rowson S, & Pasquina P. (2019). Blood biomarkers in acute sport-related concussion: Findings from the NCAA-DoD CARE Consortium Study. *2019 Military Health System Research Symposium (MHSRS)*, Kissimmee, FL. (August 20-23, 2019).

Combs PR, Ford CB, Nocera M, Campbell KR, Marshall SW, Mihalik JP, Register-Mihalik JK, & Guskiewicz KM. (2019). Biomechanical data-driven behavior modification to reduce concussion risk in high school football athletes. *Pediatric Research in Sports Medicine Society 6th Annual Meeting*, Atlanta, GA. (January 17-19, 2019).

Campbell KR, Ranapurwala SI, Ford CB, Combs PR, Cabell GH, Nocera MA, Guskiewicz KM, Marshall SW, Register-Mihalik JK, & Mihalik JP. (2018). Evaluating the effectiveness of a safe playing techniques program on head impact biomechanics in high school football players. *2018 National Athletic Trainers' Association Clinical Symposia & AT Expo*, New Orleans, LA. (June 26-29, 2018).

Teel EF, Register-Mihalik JK, Appelbaum LG, Battaglini CL, Carneiro KA, Guskiewicz KM, Marshall SP, & Mihalik JP. (2018). The effect of a brief aerobic training program on concussion-like symptoms in healthy university students. *2018 National Athletic Trainers' Association Clinical Symposia & AT Expo*, New Orleans, LA. (June 26-29, 2018).

Cabell GH, Teel EF, Hanson ED, Mihalik JP, & Guskiewicz KM. (2018). The test-retest reliability and exercise-driven changes of UCH-L1 in healthy, recreationally active college students. *2018 American College of Sports Medicine Annual Meeting*, Minneapolis, MN. (May 29-June 2, 2018).

Vander Vegt CB, Register-Mihalik JK, Kostogiannes VT, Campbell KR, Guskiewicz KM, & Mihalik JP. (2018). Baseline visual measures in high school football players with and without previous concussion. *2018 American College of Sports Medicine Annual Meeting*, Minneapolis, MN. (May 29-June 2, 2018).

Combs PR, Campbell KR, Ford CB, Guskiewicz KM, & Mihalik JP. (2017). Influence of self-reported fatigue and sex on concussion baseline assessment scores. *2017 National Athletic Trainers' Association Clinical Symposia & AT Expo*, Houston, TX. *Journal of Athletic Training*, 52(6), S239. (June 25-29, 2017).

Ford CB, Rodrigo CJ, Guskiewicz KM, & Mihalik JP. (2017). Evaluation of domain and factor structure of CNS Vital Signs. *2017 National Athletic Trainers' Association Clinical Symposia & AT Expo*, Houston, TX. *Journal of Athletic Training*, 52(6), S235. (June 25-29, 2017).

Lynall RC, Blackburn JT, Guskiewicz KM, Marshall SW, Plummer P, & Mihalik JP. (2017). Functional reaction time following concussion. *2017 National Athletic Trainers' Association Clinical Symposia & AT Expo*, Houston, TX. *Journal of Athletic Training*, *52*(6), S245. (June 25-29, 2017).

Rodrigo CJ, Clark MD, Boyd KE, Ciocca MF, Smith JK, McCrea M, Guskiewicz KM, & Mihalik JP. (2017). Vertebral artery dissection in a Division I college football player. *2017 National Athletic Trainers' Association Clinical Symposia & AT Expo*, Houston, TX. *Journal of Athletic Training*, *52*(6), S143. (June 25-29, 2017).

Vander Vegt CB, Register-Mihalik JK, Rodrigo CJ, Kay MC, Guskiewicz KM, & Mihalik JP. (2017). Association between baseline symptom severity and sensory organization function in college athletes with and without a concussion history. *2017 National Athletic Trainers' Association Clinical Symposia & AT Expo*, Houston, TX. *Journal of Athletic Training*, *52*(6), S239. (June 25-29, 2017).

Lynall RC, Campbell KR, Blackburn JT, Guskiewicz KM, Marshall SW, Plummer P, & Mihalik JP. (2017). Dynamic balance deficits following concussion. *2017 American College of Sports Medicine Annual Meeting*, Denver, CO. *Medicine and Science in Sports and Exercise*, *49*(5 Suppl), 547. (May 30-June 3, 2017).

Vander Vegt CB, Register-Mihalik JK, Rodrigo CJ, Kay MC, Guskiewicz KM, & Mihalik JP. (2017). Association between concussion history, demographic characteristics, and sensory organization in collegiate athletes. *2017 American College of Sports Medicine Annual Meeting*, Denver, CO. *Medicine and Science in Sports and Exercise*, *49*(5 Suppl), 413-414. (May 30-June 3, 2017).

Combs PR, Wasserman EB, Rodrigo CJ, Guskiewicz KM, & Mihalik JP. (2016). The association between psychological distress and concussion history in college athletes. *5th International Consensus Conference on Concussion in Sport*, Berlin, Germany. *British Journal of Sports Medicine*, *51*(11), A26. (October 27-28, 2016).

Lynall RC, Blackburn JT, Guskiewicz KM, Marshall SW, Plummer P, & Mihalik JP. (2016). Deficits in dynamic balance during tandem gait after concussion may be exacerbated by dual-tasks. *5th International Consensus Conference on Concussion in Sport*, Berlin, Germany. *British Journal of Sports Medicine*, *51*(11), A49-A50. (October 27-28, 2016).

Wasserman EB, Mihalik JP, Campbell K, Combs PR, Fraser MA, Grand EE, Nocera M, Register-Mihalik JK, Guskiewicz KM, & Marshall SW. (2016). Innovative Behavior Modification Strategies to Reduce Concussion Risk in High School American Football Athletes. *5th International Consensus Conference on Concussion in Sport*, Berlin, Germany. *British Journal of Sports Medicine*, *51*(11), A67. (October 27-28, 2016).

Wasserman EB, Campbell KR, Combs PR, Fraser MA, Grand EE, Mihalik JP, Nocera M, Register-Mihalik JK, Guskiewicz KM, & Marshall SW. (2016). Innovative behavior modification strategies to reduce concussion risk in high school football athletes. *American Public Health Association 2016 Annual Meeting & Expo*, Denver, CO. (October 29-November 2, 2016).

Cabell GH, Fraser MA, Cross AM, Wasserman EB, Mihalik JP, & Guskiewicz KM. (2016). The association between body position, head impact location, and head impact biomechanics in high school football. *2016 National Athletic Trainers' Association Clinical Symposia & AT Expo*, Baltimore, MD. *Journal of Athletic Training*, *51*(6), S203. (June 22-25, 2016).

Cross AM, Fraser MA, Cabell GH, Wasserman EB, Mihalik JP, & Guskiewicz KM. (2016). The association between closing distance, body position and head impact severity in high school football. *2016 National Athletic Trainers' Association Clinical Symposia & AT Expo*, Baltimore, MD. *Journal of Athletic Training*, *51*(6), S203. (June 22-25, 2016).

- Fraser MA, Wasserman EB, Cabell GH, Cross AM, Mihalik JP, & Guskiewicz KM. (2016). The association between neurobehavioral measures and head impact biomechanics in high school football players. *2016 National Athletic Trainers' Association Clinical Symposia & AT Expo*, Baltimore, MD. *Journal of Athletic Training*, 51(6), S201. (June 22-25, 2016).
- Littleton AC, Guskiewicz KM, Mihalik JP, Register-Mihalik JK, Marshall SW, & Gioia GA. The effect of a school-related cognitive activity intervention on recovery following concussion in high school athletes. *2016 National Athletic Trainers' Association Clinical Symposia & AT Expo*, Baltimore, MD. *Journal of Athletic Training*, 51(6), S219. (June 22-25, 2016).
- Rodrigo CJ, Lynall RC, Wasserman EB, Guskiewicz KM, & Mihalik JP. (2016). Repeat computerized neurocognitive testing in Division I college athletes. *2016 National Athletic Trainers' Association Clinical Symposia & AT Expo*, Baltimore, MD. *Journal of Athletic Training*, 51(6), S149. (June 22-25, 2016).
- Clark MD, Carneiro KA, Fraser MA, Mihalik JP, & Guskiewicz KM. (2016). Exacerbation of anxiety and depression symptoms following concussion in a high school softball athlete. *2016 American College of Sports Medicine Annual Meeting*, Boston, MA. *Medicine and Science in Sports and Exercise*, 48(5 Suppl), 676-677. (May 31-June 4, 2016).
- Fraser MA, Marshall SW, Mihalik JP, & Guskiewicz KM. (2016). Neuropsychological measures: Associations with sex, contact level, and concussion history. *2016 American College of Sports Medicine Annual Meeting*, Boston, MA. *Medicine and Science in Sports and Exercise*, 48(5 Suppl), 331. (May 31-June 4, 2016).
- Clark MD, Shi F, Smith KJ, Mihalik JP, Shen DG, & Guskiewicz KM. (2015). No evidence of altered white matter integrity following sport-related concussion. *2015 National Athletic Trainers' Association Clinical Symposia & AT Expo*, St. Louis, MO. *Journal of Athletic Training*, 50(6), S206. (June 23-26, 2015).
- Register-Mihalik JK, Valovich McLeod TC, Williams RM, Linnan LA, Mihalik JP, Guskiewicz KM, & Marshall SW. (2015). Effect of viewing a concussion education video followed by in-person reinforcement on parents' concussion knowledge. *2015 National Athletic Trainers' Association Clinical Symposia & AT Expo*, St. Louis, MO. *Journal of Athletic Training*, 50(6), S175-176. (June 23-26, 2015).
- Littleton AC, Guskiewicz KM, Lynall RC, & Mihalik JP. (2015). Standardized Concussion Assessment Tool 3 (SCAT3) tandem gait test in high school athletes: A study of pass rate, sex effect, and reliability. *2015 National Athletic Trainers' Association Clinical Symposia & AT Expo*, St. Louis, MO. *Journal of Athletic Training*, 50(6), S30-31. (June 23-26, 2015).
- Lynall RC, Mihalik JP, & Guskiewicz KM. (2015). Comparing head impact biomechanics between professional, college, and high school linemen: A preliminary investigation. *2015 American College of Sports Medicine Annual Meeting*, San Diego, CA. *Medicine and Science in Sports and Exercise*, 47(5 Suppl), 957-958. (May 26-30, 2015).
- Register-Mihalik JK, Valovich McLeod TC, Williams RM, Linnan LA, Mihalik JP, Marshall SW, & Guskiewicz KM. (2015). Concussion education video exposure does not significantly improve youth athlete concussion knowledge. *2015 American College of Sports Medicine Annual Meeting*, San Diego, CA. *Medicine and Science in Sports and Exercise*, 47(5 Suppl), 636. (May 26-30, 2015).
- Schmidt JD, Mihalik JP, & Guskiewicz KM. (2015). Baseline neurocognition and balance do not influence head impact severity in high school football players. *2015 American College of Sports Medicine Annual Meeting*, San Diego, CA. *Medicine and Science in Sports and Exercise*, 47(5 Suppl), 957. (May 26-30, 2015).
- Littleton AC, Guskiewicz KM, Lynall RC, & Mihalik JP. (2015). Standardized Concussion Assessment Tool 3 (SCAT3) tandem gait test in high school athletes: A study of pass rate, sex effect and reliability. *2015 Human Movement Science Research Symposium*, Chapel Hill, NC. (April 17, 2015).

Mihalik JP, Guskiewicz KM, Blackburn JT, Cantu RC, Greenwald RM, & Marshall SW. The effects of cervical muscle strength and player anthropometrics on biomechanical measures of head impact severity in youth ice hockey players. *2010 National Athletic Trainers' Association Annual Meeting and Clinical Symposium*, Philadelphia, PA.; June 22-25, 2010. *Journal of Athletic Training*, 45(3),S29.

Register-Mihalik JK, Linnan L, Marshall SW, Valovich McLeod TK, Mueller FO, Guskiewicz KM. Influence of previous concussion history on knowledge, attitude, and reporting of concussion in high school athletes: A preliminary analysis. *2010 National Athletic Trainers' Association Annual Meeting and Clinical Symposium*, Philadelphia, PA.; June 22-25, 2010. *Journal of Athletic Training*. 45(3),S-19.

Gysland SM, Mihalik JP, Register-Mihalik JK, Trulock SC, Shields EW, & Guskiewicz KM. The relationship between subconcussive impacts and concussion history on clinical measures of concussion in collegiate football players. *2010 National Athletic Trainers' Association Annual Meeting and Clinical Symposium*, Philadelphia, PA.; June 22-25, 2010. *Journal of Athletic Training*, 45(3),S52.

Toler JD, Mihalik JP, Petschauer MA, Oyama S, Halverson SD, & Guskiewicz KM. Helmet and head movement during emergency airway access techniques in American football. *2010 National Athletic Trainers' Association Annual Meeting and Clinical Symposium*, Philadelphia, PA.; June 22-25, 2010. *Journal of Athletic Training*, 45(3),S89.

Toler JD, Petschauer MA, Mihalik JP, Oyama S, Halverson SD, & Guskiewicz KM. (2010). Alternative airway access techniques in American football. *2010 American College of Sports Medicine Annual Meeting*, Baltimore, MD.; June 2-5, 2010. *Medicine & Science in Sports & Exercise*, 42(5 Suppl),813.

Mihalik JP & Guskiewicz KM. The cumulative effects of subconcussive head impacts on clinical measures of concussion in youth ice hockey players. *2009 National Athletic Trainers' Association Annual Meeting and Clinical Symposium*, San Antonio, TX; June 17-20, 2009. *Journal of Athletic Training*, 44(3),S91.

Register-Mihalik JK, Mihalik JP, & Guskiewicz KM. Sex differences in balance performance prior to and acutely following sports-related concussion. *2009 National Athletic Trainers' Association Annual Meeting and Clinical Symposium*, San Antonio, TX; June 17-20, 2009. *Journal of Athletic Training*, 44(3),S91-S92.

Ross LM, Register-Mihalik JK, Mihalik JP, Shields EW, Prentice WE, & Guskiewicz KM. Cognitive and balance performance during a single task and a dual task in physically active healthy young adults. *2009 National Athletic Trainers' Association Annual Meeting and Clinical Symposium*, San Antonio, TX.; June 17-20, 2009. *Journal of Athletic Training*, 44(3),S93.

Mihalik JP, Petschauer MA, Beard JR, Prentice WE, & Guskiewicz KM. Effect of helmet fit on cervical spine motion during emergency cervical inline stabilization procedures in collegiate ice hockey players. *2008 National Athletic Trainers' Association Annual Meeting and Clinical Symposium*, St. Louis, MO; June 17-21, 2008.

Fox ZG, Mihalik JP, Blackburn JT, Battaglini C, & Guskiewicz KM. Postural control returns to baseline within 13 minutes following both aerobic and anaerobic exercise protocols. *2008 National Athletic Trainers' Association Annual Meeting and Clinical Symposium*, St. Louis, MO; June 17-21, 2008.

Register-Mihalik JK, Mihalik JP, & Guskiewicz KM. Clinical balance performance recovery in individuals reporting posttraumatic migraine characteristics following sports-related concussion. *2008 National Athletic Trainers' Association Annual Meeting and Clinical Symposium*, St. Louis, MO; June 17-21, 2008.

Kontos DL, Register-Mihalik JK, Mihalik JP, Shields EW, & Guskiewicz KM. Investigation of age effects of the Immediate Postconcussion and Cognitive Test (ImPACT) and paper-pencil neuropsychological tests. *2008*

National Athletic Trainers' Association Annual Meeting and Clinical Symposium, St. Louis, MO; June 17-21, 2008.

Mihalik JP & Guskiewicz KM. Relationship between neuropsychological testing and other clinical measures of concussion. 2008 American College of Sports Medicine Annual Meeting, Indianapolis, IN; May 28, 2008.

Mihalik JP, Petschauer MA, Beard JR, Prentice WE, & Guskiewicz KM. Emergency cervical inline stabilization procedures in collegiate ice hockey players: The effect of helmet fit on cervical spine motion. 2008 Canadian Athletic Therapists Association Annual Conference, Montreal, QC, Canada; May 21-24, 2008.

Mihalik JP, Petschauer MA, Beard JR, Prentice WE, & Guskiewicz KM. Effect of helmet fit on cervical spine motion during emergency cervical inline stabilization procedures in collegiate ice hockey players. 2008 National Athletic Trainers' Association Annual Meeting and Clinical Symposium, St. Louis, MO; June 17-21, 2008.

Mihalik JP, Petschauer MA, Beard JR, Prentice WE, & Guskiewicz KM. Emergency cervical inline stabilization procedures in collegiate ice hockey players: The effect of helmet fit on cervical spine motion. 2008 Canadian Athletic Therapists Association Annual Conference, Montreal, QC, Canada.; May 21-24, 2008.

Register-Mihalik JK, Guskiewicz KG. Association of previous concussion and presence of baseline symptoms in high school and collegiate athletes. 2008 Southeastern American College of Sports Medicine Annual Meeting; February 14, 2008.

Mihalik JP, Jeffries JA, & Guskiewicz KM. Characteristics of head impacts sustained by youth ice hockey players. 2007 National Athletic Trainers' Association Annual Meeting and Clinical Symposium, Anaheim, CA; *Journal of Athletic Training*, 42(2), S103. June 26-30, 2007.

Register-Mihalik J, Mihalik JP, & Guskiewicz KM. Posttraumatic migraine characteristics affect postural stability following sports-related concussion. 2007 National Athletic Trainers' Association Annual Meeting and Clinical Symposium, Anaheim, CA; *Journal of Athletic Training*. 42(2), S31. June 26-30, 2007.

Mihalik JP, Jeffries JA, & Guskiewicz KM. Characteristics of head impacts sustained by youth ice hockey players. *Fourth Annual Research Day of Human Movement Science*, Chapel Hill, NC; March 2, 2006.

Mihalik JP, Guskiewicz KM, Bell DR, Marshall SW, Crowell DH, Oliaro SM, Hooker DN, & Ciocca MF. Evaluation of impact biomechanics: The association between impact magnitudes and locations in collegiate football players. 2006 National Athletic Trainers' Association Annual Meeting and Clinical Symposium, Atlanta, GA. *Journal of Athletic Training*, 41(2), S40-S41; June 16, 2006.

Bell DR, Mihalik JP, Guskiewicz KM, Marshall SW, Crowell DH, Oliaro SM, Hooker DN, & Ciocca MF. An analysis of head impacts sustained during a complete season by Division I collegiate football players. 2006 National Athletic Trainers' Association Annual Meeting and Clinical Symposium, Atlanta, GA. *Journal of Athletic Training*, 41(2), S40; June 16, 2006.

McCaffrey MA, Mihalik JP, Guskiewicz KM, Crowell DH, Bell DR, Oliaro SM, Hooker DN, & Shields EW. Balance and neurocognitive performance in collegiate football players following head impacts at varying magnitudes. 2006 National Athletic Trainers' Association Annual Meeting and Clinical Symposium, Atlanta, GA. *Journal of Athletic Training*, 41(2), S41; June 16, 2006.

Patel AV, Mihalik JP, Notebaert AJ, Prentice WE, & Guskiewicz KM. The effects of dehydration on symptomatology, neuropsychological performance, and postural stability. 2006 National Athletic Trainers' Association Annual Meeting and Clinical Symposium, Atlanta, GA. *Journal of Athletic Training*, 41(2), S41; June 15, 2006

Register JK, Guskiewicz KM, & Mihalik JP. Recovery patterns of athletes reporting posttraumatic headache following sports-related concussion. *2006 National Athletic Trainers' Association Annual Meeting and Clinical Symposium*, Atlanta, GA. *Journal of Athletic Training*, 41(2), S39; June 14, 2006.

Bell DR, Mihalik JP, Guskiewicz KM, Marshall SW, Crowell DH, Oliaro SM, Hooker DN, & Ciocca MF. An analysis of head impacts sustained during a complete season by Division I collegiate football players. *Third Annual Research Day of Human Movement Science*, Chapel Hill, NC; March 3, 2006.

McCaffrey MA, Mihalik JP, Guskiewicz KM, Crowell DH, Bell DR, Oliaro SM, Hooker DN, & Shields EW. Comparison of immediate effects in balance and neurocognitive performance due to impacts at varying magnitudes to the head in collegiate Division I football. *Third Annual Research Day of Human Movement Science*, Chapel Hill, NC; March 3, 2006.

Patel AV, Mihalik JP, Notebaert AJ, Prentice WE, & Guskiewicz KM. The effects of dehydration on symptomatology, neuropsychological performance, and postural stability. *2006 Eastern Athletic Trainers' Association Annual Meeting*, Philadelphia, PA; January 7-10, 2006.

Herman DC, Weinhold PS, Guskiewicz KM, Garrett WE, Yu B, Padua DA. The effects of strength training on the neuromuscular characteristics of a stop-jump task in female recreational athletes. *Accepted abstract for the 2006 Gender Bias in ACL Injury Retreat*. Lexington, KY.

Herman DC, Weinhold PS, Guskiewicz KM, Garrett WE, Yu B, Padua DA. The effects of strength training on the neuromuscular characteristics of a stop-jump task in female recreational athletes. *Accepted abstract for the National Athletic Trainers' Association 57th Annual Meeting and Clinical Symposia*. June 2006. Atlanta, GA.

Ross SE, Michell TB, Guskiewicz KM. Effect of coordination training with and without exercise sandals on static postural stability of individuals with functional ankle instability and individuals with stable ankles. *Journal of Orthopaedic and Sports Physical Therapy*, Ankle Symposium Supplement. 2005; 35:A22.

Brown CN, Ross SE, Guskiewicz KM. Comparing ankle joint ability of individuals with unilateral and bilateral chronic ankle instability using the ankle assessment questionnaire. *Journal of Orthopaedic and Sports Physical Therapy*. 2005; 35:A21.

Ross SE, Guskiewicz KM. Effect of balance training with and without subsensory electrical stimulation on postural stability of subjects with stable ankles and subjects with functional ankle instability. *2005 National Athletic Trainers' Association 56th Annual Meeting and Clinical Symposia*. June 12-16, 2005. Indianapolis, IN. *Journal of Athletic Training*, 40(2):S70.

Notebaert AJ, Guskiewicz KM. Association of post-concussion symptoms and standardized measure of concussion assessment. *2005 National Athletic Trainers' Association 56th Annual Meeting and Clinical Symposia*. June 12-16, 2005. Indianapolis, IN. *Journal of Athletic Training*, 40(2), S13.

Mihalik JP, Guskiewicz KM, Notebaert AJ, Hooker DN, Oliaro SM, Crowell DH, & Ciocca MF. Measurement of head impacts in Division I collegiate football players. *2005 National Athletic Trainers' Association 56th Annual Meeting and Clinical Symposia*. June 12-16, 2005. Indianapolis, IN. *Journal of Athletic Training*, 40(2), S45.

Guskiewicz KM, Mihalik JP, Notebaert AJ, Hooker DN, Oliaro SM, Crowell DH, & Ciocca MF. Recurrent concussion in a collegiate football player equipped with the Head Impact Telemetry System. *2005 National Athletic Trainers' Association 56th Annual Meeting and Clinical Symposia*. June 12-16, 2005. Indianapolis, IN. *Journal of Athletic Training*, 40(2), S81.

Register JK, Mihalik JP, Essa ME, Hirth CJ, & Guskiewicz KM. Exertional rhabdomyolysis in Division I female lacrosse athletes. *2005 National Athletic Trainers' Association 56th Annual Meeting and Clinical Symposia*. June 12-16, 2005. Indianapolis, IN. *Journal of Athletic Training*, 40(2), S83.

Cavanaugh JT, Guskiewicz KM, Stergiou N. New insights into the recovery of postural control after cerebral concussion. *JOSPT* 2005;35(1):A77-78.

Mihalik JP, Guskiewicz KM, & Register JK. Recovery of athletes with characteristics of posttraumatic migraine following sports-related concussion. *First Annual University of North Carolina Research Symposium*. Chapel Hill, NC, March 31, 2005.

Mihalik JP, Guskiewicz KM, Register JK. Recovery of Athletes with Characteristics of Posttraumatic Migraine Following Sports-Related Concussion; Proceedings for the 5th Annual Sports Medicine and Neurotrauma Review. Orlando, Florida, March 12, 2005.

Notebaert AJ, Shields EW, Guskiewicz KM. Application of Reliable Change Indices on Measures of Postural Stability Following Concussion; Proceedings for the 5th Annual Sports Medicine and Neurotrauma Review; Orlando, Florida, March 12, 2005.

Register JK, Guskiewicz KM, Mihalik JP. Effect of Chronic Headache on Post-concussion Measures; Proceedings for the 5th Annual Sports Medicine and Neurotrauma Review. Orlando, Florida, March 12, 2005.

Oate, J.A., Guskiewicz, K.M., Yu, B., McClure B., Garrett, W.E., Belez, A.L. Lower extremity motion patterns and peak vertical ground reaction force in male and female youth soccer players performing a jump-landing task. *2004 N.A.T.A. Annual Meeting – Free Communications*. Baltimore, MD. *Journal of Athletic Training*, 39(2)S67, 2004.

McClellan E.C., Padua, D.A., Guskiewicz, K.M., Prentice, W.E., Hirth, C.J. Effects of myofascial release and static stretching on active range of motion and muscle activity. *2004 N.A.T.A. Annual Meeting – Free Communications*. Baltimore, MD. *Journal of Athletic Training*, 39(2)S98, 2004.

Padua, D.A., Marshall, S.W., Oate, J.A., Beutler, A.I., Guskiewicz, K.M., Thigpen, C.A., Knowles, S.B., Garrett, W.E. Reliability and validity of the landing error scoring system: Implications on ACL injury risk assessment. *2004 N.A.T.A. Annual Meeting – Free Communications*. Baltimore, MD. *Journal of Athletic Training*, 39(2)S110, 2004.

Hawkey, T.J., Halverson, S.D., Padua, D.A., Guskiewicz, K.M. Reliability of three different strength testing protocols for hip abduction, extension and external rotation. *2004 N.A.T.A. Annual Meeting – Free Communications*. Baltimore, MD. *Journal of Athletic Training*, 39(2)S116, 2004.

Notebaert, A.J., and Guskiewicz, K.M. Recovery patterns of symptomatology, neuropsychological function, and postural stability during the first three days following concussion. *2004 N.A.T.A. Annual Meeting – Free Communications*. Baltimore, MD. *Journal of Athletic Training*, 39(2)S17, 2004.

Cavanaugh JT, Guskiewicz KM, Stergiou N. Effect of cerebral concussion on the complexity of center of pressure time series in college athletes after cerebral concussion. *Proceedings from the 27th annual meeting of the American Society of Biomchanics* (2003).

Cavanaugh JT, Mercer, VS, Guskiewicz, KM. Response stability estimates for the Sensory Organization Test: Approximate Entropy values and Equilibrium Scores in healthy young adults. *Proceedings from the 9th annual meeting of the Gait and Clinical Movement Analysis Society* (2004), pp. 252-253.

- Cavanaugh, JT, Mercer, VS, Guskiewicz, KM. Effect of a secondary cognitive task on the irregularity of center of pressure time series in healthy young adults. *Proceedings from the 9th annual meeting of the Gait and Clinical Movement Analysis Society* (2004), pp. 248-249.
- Cavanaugh, JT, Guskiewicz, KM, Stergiou, N. Detecting altered postural control after cerebral concussion in athletes without postural instability. *Br J Sports Med.* 2005 Nov;39(11):805-11.
- Culp, M.T., Guskiewicz, K.M., Ross, S.E., Brown, C.N., and Prentice, W.E. Prophylactic knee bracing and local fatigue have no effects on joint position sense of the uninjured knee in a closed kinetic chain. 2004 N.A.T.A. Annual Meeting – Free Communications. Baltimore, MD. *Journal of Athletic Training*, 39(2)S103, 2004.
- Ross, S.E., Guskiewicz, K.M. Comparing stabilization times in individuals presenting functional ankle instability and mechanical instability. 2004 N.A.T.A. Annual Meeting – Free Communications. Baltimore, MD. *Journal of Athletic Training*, 39(2)S8, 2004.
- Momsen, K.M., Guskiewicz, K.M., Sigurdsson, A., and Shields, E.W. Association between the incidence of cerebral concussions and dental injuries, and mouthguard usage among NCAA Division I men's ice hockey players. 2004 N.A.T.A. Annual Meeting – Free Communications. Baltimore, MD. *Journal of Athletic Training*, 39(2)S52, 2004.
- Norcross, M. F., Guskiewicz, K.M., Prentice, W.E., Hooker, D.N., and Shields, E.W. Effects of electrical stimulating currents on pain perception, plasma cortisol, and plasma B-endorphin in experimentally induced DOMS. 2004 N.A.T.A. Annual Meeting – Free Communications. Baltimore, MD. *Journal of Athletic Training*, 39(2)S48, 2004.
- Blackburn JT, Guskiewicz KM, Padua DA, Mynark RG, Giuliani CA, Weinhold PS. The relationship between muscle stiffness and spinal stretch reflex sensitivity in the triceps surae. 2004 N.A.T.A. Annual Meeting – Free Communications. Baltimore, MD. *Journal of Athletic Training*, 39(2)S71, 2004.
- Blackburn JT, Mynark RG, Padua DA, Guskiewicz KM. Effects of dorsiflexion perturbation velocity and amplitude on sex comparison of soleus spinal stretch reflexes. *Med Sci Sports Ex* 36(5), 2004 ACSM Annual Meeting, Indianapolis, IN.
- Ross, S.E., Guskiewicz, K.M., Harry, J.D., Niemi, J.B. Effect of somatosensory stimulation on time to stabilization in individuals with functionally stable and unstable ankles. ACSM, SouthEast Regional Chapter Annual Meeting, January 29, 2004, Atlanta, GA.
- Cavanaugh, JT, Guskiewicz, KM, and Stergiou, N. Effect of cerebral concussion on the complexity of center of pressure time series in collegiate athletes. 2003 American Society of Biomechanics Annual Meeting – Free Communications. Toledo, OH, September 15, 2003.
- Guskiewicz, K.M., McCrea, M., and Marshall, SW. Cumulative consequences of recurrent concussion in collegiate football players. 2003 N.A.T.A. Annual Meeting - Free Communications. St. Louis, MO. *Journal of Athletic Training*, 38(2)S27, 2003.
- Valovich TC, Perrin DH, Guskiewicz KM, Diamond R, Shultz SJ, Gansneder BM. Test-retest reliability and reliable change index scores of the Standardized Assessment of Concussion and Balance Error Scoring System in young athletes. 2003 N.A.T.A. Annual Meeting - Free Communications. St. Louis, MO. *Journal of Athletic Training*, 38(2)S27, 2003.

- Brown, C.N., Guskiewicz, K.M., Bleiberg, J., McCrea, M., Marshall, S.W., and Matthews, A. Comprehensive assessment of concussion in high school and collegiate athletes. 2003 N.A.T.A. Annual Meeting - Free Communications. St. Louis, MO. *Journal of Athletic Training*,38(2)S24, 2003.
- Ludolph, D., McCrea, M., Guskiewicz, K.M., Marshall, S.W., et al. Acute effects and recovery time following concussion in collegiate football. 2003 N.A.T.A. Annual Meeting - Free Communications. St. Louis, MO. *Journal of Athletic Training*,38(2)S25, 2003.
- Santangelo, D.M., Guskiewicz, K.M., Prentice, W.E., Onate, J.A., and Ross, S.E. Effect of postural control training on static and dynamic balance in healthy subjects. 2003 N.A.T.A. Annual Meeting - Free Communications. St. Louis, MO. *Journal of Athletic Training*,38(2)S23, 2003.
- Broglio, S.P., Guskiewicz, K.M., Sell, T.C., and Lephart, S.M. No acute changes in measures of postural control following a soccer heading drill. 2003 N.A.T.A. Annual Meeting - Free Communications. St. Louis, MO. *Journal of Athletic Training*,38(2)S104, 2003.
- Padua, D.A., Ciolek, M., McIntyre, K., Onate, J.A., and Guskiewicz, K.M. Examination of gender differences and reliability of knee and hip kinematics at initial ground contact during side-pivot and single leg jump maneuvers. 2003 N.A.T.A. Annual Meeting - Free Communications. St. Louis, MO. *Journal of Athletic Training*,38(2)S17, 2003.
- Blackburn, J.T., Padua, D.A., Riemann, B.L., Guskiewicz, K.M. Sex comparison of passive and active knee flexor stiffness. 2003 N.A.T.A. Annual Meeting - Free Communications. St. Louis, MO. *Journal of Athletic Training*,38(2)S15, 2003.
- Ciolek, M., Guskiewicz, K.M., Padua, D.A., and Onate, J.A. Analysis of kinematics and muscle activity during a sidestep pivot in non-fatigued and dynamically fatigued lacrosse athletes. 2003 N.A.T.A. Annual Meeting - Free Communications. St. Louis, MO. *Journal of Athletic Training*,38(2)S16, 2003.
- Ross, S.E, Yu, B., Guskiewicz, K.M. Differences between ground reaction force measures of a static single limb stance and a single limb stance following a jump-landing. 2003 N.A.T.A. Annual Meeting - Free Communications. St. Louis, MO. *Journal of Athletic Training*,38(2)S24, 2003.
- Guskiewicz, K.M., Bailes, J., Marshall, S.W., and Cantu, R.C. Recurrent sport-related concussion linked to clinical depression." 2003 A.C.S.M. Annual Meeting – Free Communications. San Francisco, CA. *Medicine & Science in Sports & Exercise*,35(5)S50, 2003.
- Brown, C.N., Guskiewicz, K.M., Marshall, S.W., Cantu, R.C. Cumulative consequences of recurrent concussion in high school athletes. 2003 A.C.S.M. Annual Meeting – Free Communications. San Francisco, CA. *Medicine & Science in Sports & Exercise*,35(5)S247, 2003.
- Onate, J.A., Guskiewicz, K.M., Marshall, S.W., and Garrett, W.E. Jump-landing knee flexion angle differences between gender. 2003 A.C.S.M. Annual Meeting – Free Communications. San Francisco, CA. *Medicine & Science in Sports & Exercise*,35(5)S306, 2003.
- Padua, D.A., Birkelo, J.R., Karas, S.G., Guskiewicz, K.M., and Thigpen, C.T. Reliability of scapulo-humeral rhythm during dynamic shoulder motion. 2003 A.C.S.M. Annual Meeting – Free Communications. San Francisco, CA. *Medicine & Science in Sports & Exercise*,35(5)S62, 2003.
- Ross, S.E., Guskiewicz, K.M., Garrett, W.E., Yu, B. Comparison of various force plate measures for the assessment of functional ankle instability. 2003 A.C.S.M. Annual Meeting – Free Communications. San Francisco, CA. *Medicine & Science in Sports & Exercise*,35(5)S357, 2003.

- Blackburn, J.T., Padua, D.A., Riemann, B.L., Guskiewicz, K.M. Relationship between active extensibility, passive stiffness, and active stiffness of the knee flexor. 2003 A.C.S.M. Annual Meeting – Free Communications. San Francisco, CA. *Medicine & Science in Sports & Exercise*,35(5)S222, 2003.
- Valovich, T.C., Guskiewicz, K.M., Diamond, R., Shultz, S.J., Gansneder, B.M., and Perrin, D.H. Practice effects with serial administration of clinical concussion assessments in healthy young athletes. 2003 A.C.S.M. Annual Meeting – Free Communications. San Francisco, CA. *Medicine & Science in Sports & Exercise*,35(5)S247, 2003.
- Wisniewski, J., Sigurdsson, A., Trope, M., Guskiewicz, K.M. Incidence of cerebral concussion and dental injuries associated with types of mouthguards worn. Tampa, FL. *Journal of Endodontics*, April 2003.
- Monroe, M., Guskiewicz, K.M., Francisco, T., Mueller, F., Salvaterra, G. The impact attenuating capabilities of new and used ice hockey helmets. 2002 N.A.T.A. Annual Meeting - Free Communications. Dallas, TX.. *Journal of Athletic Training*,37(2)S66, 2002.
- Mancuso, J., Guskiewicz, K.M., Onate, J.A., Ross, S.E. An investigation of the learning effect for the Balance Error Scoring System and its clinical implications. 2002 N.A.T.A. Annual Meeting - Free Communications. Dallas, TX.. *Journal of Athletic Training*,37(2)S10, 2002.
- Ross, S.E., Guskiewicz, K.M., Yu, B. Time to stabilization differences in functionally unstable and stable ankles. 2002 N.A.T.A. Annual Meeting - Free Communications. Dallas, TX.. *Journal of Athletic Training*,37(2)S22, 2002.
- Blackburn, J.T., Hirth, C.J., Guskiewicz, K.M. EMG comparison of lower leg musculature during functional activities with and without balance shoes. 2002 N.A.T.A. Annual Meeting - Free Communications. Dallas, TX.. *Journal of Athletic Training*,37(2)S97, 2002.
- Carney, E., Guskiewicz, K.M., Hirth, C.J. Relationship between lower extremity physical markers and a step-up and over test. 2002 N.A.T.A. Annual Meeting - Free Communications. Dallas, TX.. *Journal of Athletic Training*,37(2)S96, 2002.
- Gardiner, L., Petschauer, M., Guskiewicz, K.M. Exertional rhabdomyolysis in a collegiate field hockey player: A clinical case report. 2002 N.A.T.A. Annual Meeting - Free Communications. Dallas, TX.. *Journal of Athletic Training*,37(2)S63, 2002.
- Guskiewicz, K.M., McCrea, M., Marshall, S., Onate, J.A., Cantu, R.C. Objective assessment of concussion in collegiate football players. 2002 A.C.S.M. Annual Meeting – Free Communications. St. Louis, MO. *Medicine & Science in Sports & Exercise*,34(5)S3, 2002.
- Ross, S.E., Guskiewicz, K.M., Yu, B., Garrett, W.E. Landing pattern difference between functionally stable and unstable ankles. 2002 A.C.S.M. Annual Meeting – Free Communications. St. Louis, MO. *Medicine & Science in Sports & Exercise*,34(5)S173, 2002.
- Ross, S.E., Guskiewicz, K.M., Yu, B. Comparison of time to stabilization measures in functionally unstable versus stable ankles. 2001 N.A.T.A. Annual Meeting - Free Communications. Los Angeles, CA. *Journal of Athletic Training*,36(2)S76, 2001.
- Blackburn, T., Guskiewicz, K.M., Marshall, S.W., McCrea, M.A. Effect of concussion history on postural stability and neuropsychological recovery following subsequent injury. 2001 N.A.T.A. Annual Meeting - Free Communications. Los Angeles, CA. *Journal of Athletic Training*,36(2)S60, 2001.

Oate, J., Guskiewicz, K.M., McCrea, M.A., Cantu, R.C. Analysis of concussion recovery in athletes with and without associated loss of consciousness and amnesia. 2001 N.A.T.A. Annual Meeting - Free Communications. Los Angeles, CA. *Journal of Athletic Training*,36(2)S59, 2001.

Crowell, D., Guskiewicz, K.M., Prentice, W.E., Oate, J.A. The effect of fatigue on postural stability and neuropsychological function. 2001 N.A.T.A. Annual Meeting - Free Communications. Los Angeles, CA. *Journal of Athletic Training*,36(2)S33, 2001.

Huffman,S., Guskiewicz, K.M., Hirth, C.J., Shields, E.W. Relationship between open chain isokinetic knee strength and step-up and over test performance in the assessment of lower extremity neuromuscular control. 2001 N.A.T.A. Annual Meeting - Free Communications. Los Angeles, CA. *Journal of Athletic Training*,36(2)S35, 2001.

Broglio, S. Guskiewicz, K.M. Soccer athletes with concussion history show no deficits in balance or cognition. 2001 N.A.T.A. Annual Meeting - Free Communications. Los Angeles, CA. *Journal of Athletic Training*,36(2)S59, 2001.

Santangelo, D., Oate, J.A., Guskiewicz, K.M., Prentice, W.E. Acute knee injury in a female collegiate soccer player. 2001 N.A.T.A. Annual Meeting - Free Communications. Los Angeles, CA. *Journal of Athletic Training*,36(2)S16, 2001.

Guskiewicz, K.M., Marshall, S.W., Broglio, S.P., Cantu, R.C., Kirkendall, D.T. No evidence of impaired neurocognitive performance in collegiate soccer players. 2001 A.C.S.M.. *Annua Meeting - Free Communications*. Baltimore, MD. *Medicine & Science in Sports & Exercise*,33(5)S1047, 2001.

Ross, S.E., Guskiewicz, K.M., Cantu, R.C. Balance recovery following cerebral concussion in collegiate athletes. 2001 A.C.S.M.. *Annua Meeting - Free Communications*. Baltimore, MD. *Medicine & Science in Sports & Exercise*, 33(5)S145, 2001.

Oate J.A., Guskiewicz, K.M., Sullivan, R.J. A comparison of augmented feedback versus sensory feedback on reducing jump landing forces. 2001 A.C.S.M.. *Annua Meeting - Free Communications*. Baltimore, MD. *Medicine & Science in Sports & Exercise*,33(5)S1248, 2001.

Ross, S.E., Guskiewicz, K.M., Oate, J.A. Symptomatology following cerebral concussion and its relationship with neuropsychological and postural stability testing. 2000 N.A.T.A. Annual Meeting - Free Communications. Nashville, TN. *Journal of Athletic Training*,35(2)S53, 2000.

Oate, J.A., Guskiewicz, K.M., McCrea, M.A. A comparison of concussion incidence and recovery in collegiate football players with and without previous history of concussion. 2000 N.A.T.A. Annual Meeting - Free Communications. Nashville, TN. *Journal of Athletic Training*,35(2)S54, 2000.

Strapp, E.J., Guskiewicz, K.M., Hackney, A.C., Saliba, S., Hirth, C. The cumulative effect of multiple phonophoresis treatments on dexamethasone and cortisol concentrations in the blood. 2000 N.A.T.A. Annual Meeting - Free Communications. Nashville, TN. *Journal of Athletic Training*,35(2)S47, 2000.

Galilee-Belfer, A., Prentice, W.E., Mays, S.D., Guskiewicz, K.M., Oate, J.A. Effect of modified PNF trunk strengthening on functional performance in female rowers. 2000 N.A.T.A. Annual Meeting - Free Communications. Nashville, TN. *Journal of Athletic Training*,35(2)S93, 2000.

Stein, T.A., Yu, B., Guskiewicz, K.M., Hirth, C., Prentice, W.E. The effect of strengthening external hip rotators on abnormal pronation of the subtalar joint. 2000 N.A.T.A. Annual Meeting - Free Communications. Nashville, TN. *Journal of Athletic Training*,35(2)S92, 2000.

Peterson, S.A., Guskiewicz, K.M., Hackney, A.C., Prentice, W.E., Almekinders, L., and Petschauer, M.A. Response of bone mineral density and serum hormone levels following exercise modifications in two amenorrheic athletes. *N.A.T.A. Annual Meeting - Free Communications*. Nashville, TN. *Journal of Athletic Training*,35(2)S88, 2000.

Mancuso, J.J., Guskiewicz, K.M., Petschauer, M.A. Posterior foot pain in a collegiate field hockey player. *N.A.T.A. Annual Meeting - Free Communications*. Nashville, TN. *Journal of Athletic Training*,35(2)S68, 2000.

Peterson, C.L., Ferrara, M.S., McCrea, M., Guskiewicz, K.M. Concussion management practices of athletic healthcare providers. 2000 *N.A.T.A. Annual Meeting - Free Communications*. Nashville, TN. *Journal of Athletic Training*,35(2)S71, 2000.

Blackburn, J.T., Guskiewicz, K.M., Busby, M.A., Prentice, W.E. Balance and Joint Stability: The relative contributions of proprioception and muscular strength. 1999 *N.A.T.A. Annual Meeting - Free Communications*. Kansas City, MO. *Journal of Athletic Training*,34(2)S30, 1999.

Gribble, P.A., Guskiewicz, K.M., Prentice, W.E., Shields, E.W. Effects of static and hold-relax stretching on hamstring range of motion using the FlexAbility LE1000. 1999 *N.A.T.A. Annual Meeting - Free Communications*. Kansas City, MO. *Journal of Athletic Training*,34(2)S76, 1999.

Malley, C., Guskiewicz, K.M., Prentice, W.E., Hirth, C.J. The effects of three different ankle training programs of functional stability and single-limb stance. 1999 *N.A.T.A. Annual Meeting - Free Communications*. Kansas City, MO. *Journal of Athletic Training*, 34(2)S30, 1999.

Myers, J.B., Guskiewicz, K.M., Padua, D.A. Effect of fatigue on proprioception and neuromuscular control of the shoulder. 1999 *N.A.T.A. Annual Meeting - Free Communications*. Kansas City, MO. *Journal of Athletic Training*, 34(2)S9, 1999.

Padua, D.A., Guskiewicz, K.M., Myers, J.B. Effects of closed kinetic chain, open kinetic chain, and proprioceptive neuromuscular facilitation training on the shoulder. 1999 *N.A.T.A. Annual Meeting - Free Communications*. Kansas City, MO. *Journal of Athletic Training*, 34(2)S83, 1999.

Scibek, J.S., Guskiewicz, K.M., Prentice, W.E., May, S., Davis, J.M. The effects of core stabilization training of functional performance in swimming. 1999 *N.A.T.A. Annual Meeting - Free Communications*. Kansas City, MO. *Journal of Athletic Training*, 34(2)S27, 1999.

Guskiewicz KM, Perrin DH. The Effect of Mild Head Injury on Cognition and Postural Stability. 1998 *N.A.T.A. Annual Meeting - Free Communications*. Baltimore, MD. *Journal of Athletic Training*, 33:S8, 1998.

Padua DP, Guskiewicz KM, Myers JB. Epidemiological investigation of mild head injuries sustained by participants in collegiate and high school football. 1998 *N.A.T.A. Annual Meeting - Free Communications*. Baltimore, MD. *Journal of Athletic Training*, 33:S59, 1998.

Guskiewicz KM, Padua DP, Myers JB. Return to play decisions following mild head injury in collegiate and high school football players. 1998 *N.A.T.A. Annual Meeting - Free Communications*. Baltimore, MD. *Journal of Athletic Training*, 33:S22, 1998.

Riemann BL, Guskiewicz KM. Objective assessment of mild head injury using a clinical battery of postural stability tests. 1998 *N.A.T.A. Annual Meeting - Free Communications*. Baltimore, MD. *Journal of Athletic Training*, 33:S18, 1998.

Omate JA, Riemann BL, Guskiewicz KM. Comparison of three external ankle support systems utilized for management of acute lateral ankle sprains. 1998 N.A.T.A. Annual Meeting - Free Communications. Baltimore, MD. *Journal of Athletic Training*, 33:S39, 1998.

Myers JB, Guskiewicz KM, Tuttle GH. Syncope in a collegiate wrestler caused by an OTC metabolic stimulant. 1998 N.A.T.A. Annual Meeting - Free Communications. Baltimore, MD. *Journal of Athletic Training*, 33:S57, 1998.

Gribble PA, McNally K, Guskiewicz KM. Rehabilitation of a college baseball pitcher emphasizing proprioception. 1998 N.A.T.A. Annual Meeting - Free Communications. Baltimore, MD. *Journal of Athletic Training*, 33:S49, 1998.

Riemann, BL, Guskiewicz, KM, Omate, JA. Mild head injury in a high school football player: A case study. 1997 N.A.T.A. Annual Meeting-Free Communications. Salt Lake City, UT. *Journal of Athletic Training*, 32:S17, 1997.

Omate JA, Guskiewicz, KM, Riemann BL. Comparison of normative data for cognitive tests performed in controlled versus uncontrolled environments in collegiate athletes. 1997 N.A.T.A. Annual Meeting-Free Communications. Salt Lake City, UT. *Journal of Athletic Training*, 32:S43, 1997.

Oliaro SM, Guskiewicz KM, Prentice KM, Shields EW. Establishment of normative data on cognitive tests for comparison with athletes sustaining mild head injury. 1997 N.A.T.A. Annual Meeting-Free Communications. Salt Lake City, UT. *Journal of Athletic Training*, 32:S44, 1997.

Trulock SC, Guskiewicz KM, Prentice KM, Shields EW. A comparison of static, dynamic and functional methods of balance assessment. 1997 N.A.T.A. Annual Meeting-Free Communications. Salt Lake City, UT.

Ubinger ME, Guskiewicz KM, Prentice WE, Schneider R. Effect of closed kinetic chain training on neuromuscular control of the upper extremity using the Functional Activity System for Testing and Exercise (FASTEX). 1997 N.A.T.A. Annual Meeting-Free Communications. Salt Lake City, UT. *Journal of Athletic Training*, 32:S10, 1997.

Guskiewicz KM, Perrin DH, Barth JT, Gansneder BM, Gieck JH, Kahler DM, Saliba EN. Effect of mild head injury on postural stability in athletes. 1996 N.A.T.A. Annual Meeting-Research & Education Foundation Sponsored Presentation. Orlando, FL. June 15, 1996. *Journal of Athletic Training*, 31:S43, 1996.

Ford SE, Guskiewicz KM, Perrin DH, Gansneder BM, Szczerba JE. Weight preoccupation and pathogenic weight control behavior in female collegiate athletes. 1996 N.A.T.A. Annual Meeting-Free Communications (poster). Orlando, FL. June 15, 1996. *Journal of Athletic Training*, 31:S51, 1996.

Steinagel MC, Szczerba JE, Guskiewicz KM, Perrin DH. Ankle ice immersion effect on postural sway. 1996 N.A.T.A. Annual Meeting-Free Communications (poster). Orlando, FL. June 15, 1996. *Journal of Athletic Training*, 31:S53, 1996.

Riemann BL, Belle SE, Guskiewicz KM. Effect of mild head injury on postural stability in athletes. *Mid-Atlantic Athletic Trainers' Association Annual Meeting-Grant Recipient Presentation*. Virginia Beach, VA. May 18, 1996.

Guskiewicz KM, Perrin DH. Mild head injury in a high school football player: A case study. 1995 N.A.T.A. Annual Meeting-Free Communications. Indianapolis, IN. June 15, 1995. *Journal of Athletic Training*, 30:S25, 1995.

Hertel JN, Guskiewicz KM, Kahler DM, Perrin DH. Effect of lateral ankle joint anaesthesia on joint position sense, postural sway, and center of balance. 1995 N.A.T.A. Annual Meeting-Free Communications. Indianapolis, IN. June 14, 1995. *Journal of Athletic Training*, 30:S6, 1995.

Heydt WR, Guskiewicz KM, Perrin DH, Gansneder BM. Effect of seated vs. standing test positions on shoulder internal and external rotational strength in the frontal and scapular planes. 1995 N.A.T.A. Annual Meeting-Free Communications. Indianapolis, IN. June 14, 1995. *Journal of Athletic Training*, 30:S8, 1995.

Guskiewicz KM, Martin DE, Perrin DH, Kahler DM, McCue FC. Effect of ACL reconstruction and tibial rotation on anterior knee laxity. 1994 N.A.T.A. Annual Meeting-Free Communications. Dallas, TX. June 12, 1994. *Journal of Athletic Training*, 29(2), 1994.

Martin DE, Guskiewicz KM, Perrin DH, Kahler DM, McCue FC. Tibial rotation affects anterior displacement of the knee. *Medicine and Science in Sports and Exercise*, 26:5S, 1994.

Guskiewicz KM, Lephart SM, Burkholder R. Relationship between sprint speed and hip flexor/extensor strength in Division I Intercollegiate football players. 1991 N.A.T.A. Annual Meeting-Free Communications. New Orleans, LA. June 10, 1991. *Journal of Athletic Training*, 26(2), 1991.

Published Media Reviews:

"NFL Players Head Concussion Brain Injury Seminar" (video). *Journal of Athletic Training*, 32(2):180, 1997.

"Cryotherapy in Sport Injury Management" (book). *Athletic Therapy Today*, 1(2):60-61, 1996.

"Jumping into Plyometrics" (video). *Journal of Sport Rehabilitation*, 3:177-178, 1994.

"The Upper Extremity in Sports Medicine" (book). *Journal of Sport Rehabilitation*, 2:217-218, 1994.

Additional Presentations:

Guskiewicz, K.M., Davie Dinner Speech, Annual Charlotte Alumni Dinner, October 24, 2018

Guskiewicz, K.M., Raleigh Sports Club Keynote Speaker, March 7, 2018

Guskiewicz, K.M., UNC-Chapel Hill General Alumni Association Keynote Speaker, October 2017

Guskiewicz, K.M., Chapel Hill Sports Club Keynote Speaker, August 16, 2017

Guskiewicz, K.M., UNC Chapel Hill Board of Visitors, Keynote Speaker, April 10, 2016

Guskiewicz, K.M., Mihalik, J., Improving Safety for our Athletes and Service Members, *Watauga Club*, Chapel Hill, October 20, 2015.

Guskiewicz, K.M. Improving Safety in Sport Through Innovative Science. *UNC-Chapel Hill's General Alumni Association's Spring Meeting*. Chapel Hill, NC., April 13, 2013.

Guskiewicz, K.M., Concussion Updates. *NCAA's Annual Health and Safety Meeting*. Virtual meeting. April 12, 2013.

Guskiewicz, K.M. Concussion Prevention: Facts, Fallacies, and Frontiers. *Young President's Organization Spring Meeting*. Baltimore, MD., January 31, 2013.

Guskiewicz, K.M. The Science and Technology of Sport Concussion: Translating data Collection into Concussion Prevention. *Sports Legacy Institute's Hit Count Meeting*, Boston, MA. October 25, 2012.

Guskiewicz, K.M. Current Concepts in Evaluation and Management of Sports Related Concussion. *BI/SCI Expo at Carolinas Rehabilitation - Keynote Lecture*. Charlotte, NC. October 15, 2012.

Guskiewicz, K.M. Current state of concussion management & recommended best practices. *Atlantic Coast Conference Sports Medicine Association's 23rd Annual Clinical Symposium*. Greensboro, NC; May 6, 2012.

Guskiewicz, K.M. Examination of Concussion: Medical and Cognitive Considerations. *Rex Pediatrics Grand Rounds*. Raleigh, NC; May 9, 2012.

Guskiewicz, K.M. The Science and Technology of Sport Concussion: Translating Data Collection into Concussion Prevention. *Bioinformatics, Neuroscience Center*. Chapel Hill, NC; April 26, 2012.

Guskiewicz, K.M. Examination of concussion; medical and cognitive considerations. *Grand Round Series- St. Charles Medical Center*. Bend, OR; April 20, 2012.

Guskiewicz, K.M. The Science and Technology of Sport Concussion: Translating Data Collection into Concussion Prevention. *What's the Big Idea?* Friday Center. Chapel Hill, NC; April 12, 2012

Guskiewicz, K.M. Sport Related Concussion; From the Lab to the Law. *Raleigh Medical Society*. Raleigh, NC; April 12, 2012.

Guskiewicz, K.M. Solving the Concussion Problem The Carolina Way. *A Tar Heel Evening in Greensboro, Greensboro Coliseum Complex*. Greensboro, NC; April 10, 2012.

Guskiewicz, K.M. The Science and Technology of Sports Concussion: Solving Today's Problems for Tomorrow's Solutions. *Alumni Center, University of North Carolina Graduate Education Advancement Board Meeting*. Chapel Hill, NC; April 4, 2012.

Guskiewicz, K.M. The Science and Technology of Sport Concussion: Translating Data Collection into Concussion Prevention and Management. *West Virginia University College of Physical Activity and Sport Science Distinguished Lecturer Series*. Morgantown, WV; March 23, 2012.

Guskiewicz, K.M. Preventing Sudden death in sport; brain trauma. *National Summit on Safety in Youth Sports*. Washington, DC; December 6th, 2011.

Guskiewicz, K.M. Updates in Concussion Management. *Department of Physical Medicine & Rehabilitation*. Chapel Hill, NC; October 26, 2011.

Guskiewicz, K.M. Preventing Sudden Death in Sport: Head Injury. *Visiting Scholar in Exercise Science*. University of Wisconsin- La Crosse, La Crosse, WI; May 4, 2011.

Guskiewicz, K.M. Concussion and Post-Concussion Syndrome: When to Rest and When to Rehab. *Visiting Scholar in Exercise Science*. University of Wisconsin- La Crosse, La Crosse, WI; May 4, 2011.

Guskiewicz, K.M. The Science of Sport Concussion: Translating Data. *Visiting Scholar in Exercise Science*. University of Wisconsin- La Crosse, La Crosse, WI; May 4, 2011.

Guskiewicz, K.M. The Science of Sport Concussion: Translating Data Collection into Concussion Prevention. *University of Wisconsin's Centennial Celebration of Kinesiology*. Madison, WI; April 1, 2011.

Guskiewicz, K.M. The Science & Technology of Sport Concussion: Translating Data Collection into Concussion Prevention. *Human Physiology Lecture Series*. Eugene, OR; March 11, 2011.

Guskiewicz, K.M. Helmet Testing & On-Field Monitoring of Safety Equipment & Player Behavior. UNC's Human Movement Science Research Day. Chapel Hill, NC; February 25, 2011.

Guskiewicz, K.M. The Science of Translation from Data Collection to Concussion Prevention: Changing the Practice Profile. *National Operating Committee for Standards in Athletic Equipment*, Chatham, MA; October 23, 2010.

Guskiewicz, K.M. The science of sport concussion. *Institute of Medicine Workshop*. Washington, DC; October 1, 2010.

Guskiewicz, K.M. Advances in science, new trends, and the road to physical recovery. Congressional Hearing on Concussion in Youth Sports; Washington, D.C., September 23, 2010.

Guskiewicz, K.M. Long Term Effects of Sport-Related Concussion on Neurocognitive Function and Psychological Health, New Hampshire University, Durham, NH; September 10, 2010.

Guskiewicz, K.M. Ohio State University Sports Medicine. Sport-Related Concussion: Is Research Driving Clinical Practice? Columbus, OH. February 16, 2007.

Guskiewicz, K.M. A Synopsis of UNC Concussion Studies: 2000-2006. *ANAM Research Working Group Meeting*. Bethesda, MD, June 9, 2006

Guskiewicz, K.M. New Concepts in Physical Conditioning & Application of Strength Training. Maldonado – Punta del Este, Uruguay, August 28, 2006

Guskiewicz, K.M. New Concepts in Physical Conditioning & Application of Strength Training. Colonia, Uruguay, August 29, 2006

Guskiewicz, K.M. Therapeutic Modalities & Rehabilitation in Healing the Injured Athlete. Montevideo, Uruguay, August 30, 2006.

Guskiewicz, K.M. Update on Current Concepts in Concussion Assessment. Universidade Catolica de Brasilia, September 1, 2006

Guskiewicz, K.M. Evidence Based Approach to Injury Prevention in Sport and Exercise. Komotini, Greece, May 7, 2006.

Guskiewicz, K.M. Therapeutic Modalities & Rehabilitation in Healing the Injured Athlete Komotini, Greece, May 8, 2006

National Sportscasters and Sportswriters Association Annual Meeting. Salisbury, NC. April 27, 2003. "Sport-Related Concussion: Clearing Up the Confusion."

Visiting Lecture, 2002 University of Connecticut Sports Medicine Visiting Lecture Series. Storrs, CN. November 5, 2002. "Sport-related concussion: Bridging the gap between research and clinical practice."

DonJoy, Inc. Annual Sports Medicine/ Athletic Training Seminar. Carlsbad, CA. July 19-20, 2002. "Bridging the gap between research and clinical practice: From head to toe."

Visiting Lecture, 2001 Penn State Sports Medicine Colloquium. Pennsylvania State University, State College, PA. October 25-26, 2001. "Sport-related concussion: Bridging the gap between research and clinical practice."

Visiting Lecture in Exercise Science. University of Wisconsin, Madison, WI. April 4, 2001. "Regaining Postural Stability and Postural Control Following Injury," and "Concussion in Sport: Considerations for the Sports Medicine Clinician."

Stevens Visiting Professorship. University of Florida, Gainesville, FL. February 25-28, 2001. "Comprehensive approach to the assessment of sport-related concussion."

Visiting Lecture in Kinesiology. University of Michigan, Ann Arbor, MI. February 17, 2000. "Alternative Approaches to the Assessment of Mild Head Injury in Sport."

Bi-Annual meeting of the North Carolina Criminal Justice & Sheriffs Commission, Chapel Hill, NC. August 23, 1999. "Police Officer Physical Ability Test: Recommendations for Y2K."

Visiting Lecture Series in Sports Medicine. University of Georgia, Athens, GA. September 24, 1998. "Mild Head Injury in Sport: Developing Objective Criteria for Return to Play."

Seminar on Exercise and Aging. Carol Woods Retirement Community, Chapel Hill, NC. April 18, 1997. "Balance assessment for the aging but active."

University of North Carolina Injury Prevention Research Center Seminar Series, Chapel Hill, NC. March 19, 1997. "Effect of mild head injury on postural stability and cognitive function." NeuroCom International's Clinical Integration Seminar, Clackamas, OR, July 12, 1996. "Evaluation of mild head injury in athletes using dynamic computerized posturography."

The Art and Science of Sports Medicine, University of Virginia, Charlottesville, VA, June 26, 1996. "Evaluation of mild head injury in sports"

Chippenham Medical Center Sports Injury Seminar, Chippenham Medical Center, Richmond Virginia, February 28, 1996 - "Assessment of mild head injury and return to play guidelines"

Sports Medicine Telemedicine Conference, University of North Carolina School of Medicine & Northampton County Schools, November 21, 1995 - "Sports medicine in the 90's: An update"

The Art and Science of Sports Medicine, University of Virginia, Charlottesville, VA, June 28, 1995 - "Mild head injury in sports: objective assessment for return to play"

The Art and Science of Sports Medicine, University of Virginia, Charlottesville, VA, June 20, 1994 - "Mild head injury in sports"

Athletic Injuries (Guest Lecturer), University of Virginia, Charlottesville, VA, November 26, 1993 - "Common Knee injuries in athletics" and "Clinical assessment of knee injuries"

Athletic Injury Teleconference, Division of Continuing Education in conjunction with the Sports Medicine Department, University of Virginia, Charlottesville, VA, October 21 & 28, 1992 - "Injury classification" and "Tissue response to injury"

Sewickly YMCA, Sewickly, PA, May 30, 1991 - "Nutritional considerations for the growing athlete"

GRANTS AND EXTERNAL FUNDING

Federal Agencies:

Lead Investigator, \$147,594 with National Institutes of Neurological Disorders and Stroke. The Role of Repetitive Head Trauma on Cognitive Decline and Fronto-limbic Functional Connectivity. Guskiewicz K, Clark M. (Awarded August 2015).

Co-Principal Investigator, \$420,000 with National Center for Injury Prevention and Control (at the CDC). Monitoring Head Impact Biomechanics as a Behavior Modification Tool to Reduce Mild Traumatic Brain Injury Risk in High School Athletes. Guskiewicz K, Mihalik J, Marshall S. (Awarded September 2014).

Co-Principal Investigator, \$1,100,000 with U.S. Department of Defense and National Collegiate Athletic Association – “NCAA-DOD GRAND ALLIANCE: Concussion Assessment, Research and Education (CARE) Consortium. McCrea M, McCallister T, Broglio S, Guskiewicz K, Mihalik J. (Awarded July 2014).

Co-Principal Investigator, \$1,139,000 with United States Special Operations Command (Regional). “Scientific Assessment for the Enhanced SOTF Traumatic Brain Injury Surveillance Program.” Mihalik J, Guskiewicz K. (Awarded January 2014).

Co-Investigator; Project Leader, \$2,000,000 with Department of Defense (Chronic Effects of Neurotrauma Consortium (CENC) – “Association Between Repetitive TBI And Neuropsychological, Neuroimaging, and Blood Biomarkers In Military Service Members And Elite-Level Athletes.” Laskowitz, D & Grant, G (PI), Guskiewicz K, Bazarian J, Mihalik, J. (Submitted January 2013 – not funded).

Co-Investigator, \$1,500,000 with Department of Defense (U.S. Army Medical Research and Materiel Command) – “A Novel Tool for Field Assessment of Mild Traumatic Brain Injury.” Espinoza, T & Phelps, S (PI), Wright, D, Guskiewicz, K, and Bazarian, J. (Funded: November 2012).

Principal Investigator, \$2,799,000 with Department of Defense (CDMRP) – “A Prospective Study of Dual Task Rehabilitation Interventions for Treating Individuals with Traumatic Brain Injury.” Guskiewicz K, Mihalik JP, McCulloch K, Register-Mihalik, J, et al. (Submitted September 2010 – not funded).

Principal Investigator, \$3,043,595 with National Institutes of Health - “Association Between MTBI, Dementia and IPV in Retired Professional Football Players.” Guskiewicz K, Marshall S, Moracco B, Kaufer D, Thompson K, Smith JK, et al. (Submitted: June 2009 – not funded).

Principal Investigator, \$1,098,500 with Centers for Disease Control and Prevention- “Association Between MTBI, Dementia and IPV in Retired Professional Football Players.” Guskiewicz K, Marshall S, Moracco B, Kaufer D, Thompson K, Smith JK, et al. (Submitted: September 1, 2008 – not funded).

Co-Investigator, \$150,000 with U.S. Department of Defense - “Validation of the Military Acute Concussion Evaluation (MACE) for In-Theater Evaluation of Combat-Related Traumatic Brain Injury.” McCrea M, Guskiewicz KM, Helmick K, and Jaffee (Awarded: August 2008).

Principal Investigator, \$600,000 with U.S. Department of Defense – “Association between mild traumatic brain injury and chronic clinical depression and neurodegenerative dementing disorders.” Guskiewicz KM, Marshall SW, Kaufer D, Giovanell K, Smith JK, et al. (Submitted: October 2007 – not funded).

Co-investigator, \$1,300,000 with National Institute of Health (NIH) - "Epidemiology of Jump-Landing Movements and ACL Injury." Marshall SW, Padua DA, Guskiewicz KM, Yu B, Garrett WE, Kirkendall D, Evenson K, Wolf SH, Gregory E (Awarded: December 2004).

Principal Investigator, \$579,354 with Centers for Disease Control and Prevention- "Prospective investigation of sport-related concussion: Relationship between biomechanical, neuroanatomical, and clinical factors." Guskiewicz KM, Marshall SW, Smith K, Lin W, Ciocca M, Hooker D, Oliaro S, Crowell D (Awarded: September 2004).

Principal Investigator, \$500,000 with Centers for Disease Control and Prevention- "Validation of methods to assess outcomes of MTBI" Guskiewicz KM, Hammeke T, McCrea M, Randolph C, Barr W, Kelly J, Marshall S, Runyan CW, and Hargarten S (Submitted July 2003 – not funded).

Principal Investigator, \$1,533,442 with Department of Defense - Peer Reviewed Medical Research Program (PRMRP); Supplement to US Army Medical Research Material Command Broad Agency Announcement O2-1 – "Association between mild traumatic brain injury and chronic clinical depression and neurodegenerative dementing disorders." Guskiewicz KM, Longo F, McCrea M, Marshall S, Robertson K, Smith K, Lin W, Randolph C, Cantu R, Bleiberg J (Submitted: April 2003 – not funded).

Co-investigator, \$244,000 with National Institute of Health (NIH) - "Epidemiology of JumpLanding Movements and ACL Injury." Marshall SW, Padua DA, Guskiewicz KM, Yu B, Garrett WE, Kirkendall D, Evenson K, Wolf SH, Gregory E (Submitted: February 2003 – not funded).

Principal Investigator, \$126,000 with Centers for Disease Control and Prevention- "Computerized neuropsychological testing for sport-related mild head injury (MHI) in sport: A prevention initiative." Guskiewicz KM, Mueller FO, Marshall SW, McCrea M, Cantu RC, Bleiberg J. (Awarded: October 2001).

Co-Investigator, \$173,000 with Centers for Disease Control and Prevention- "Reducing falls through improved balance in older adults: A pilot intervention." Marshall SW, Guskiewicz KM, Hogue CC, et al. (Awarded: June 2000).

Principal Investigator, \$485,000 with Centers for Disease Control and Prevention- "Prospective investigation of mild head injury (MHI) in sport: A prevention initiative." Guskiewicz KM, Marshall SW, Mueller FO, et al. (Awarded: September, 1999).

National Foundations:

Co-Principal Investigator, \$4,674,054 with National Football League - Neurologic Function across the Lifespan: A Prospective, LONGitudinal, and Translational Study for Former National Football League Players: NFL- LONG. Meehan, W., McCrea, M., and Guskiewicz, K (Awarded September 2018).

Co-Principal Investigator, \$2,600,000 with National Football League – "Role of Rehabilitation in Concussion Management: A Randomized Controlled Trial." Guskiewicz, K., Register-Mihalik, J., and McCrea, M. (Awarded July 2016).

Co-Principal Investigator, \$498,214 with the National Football League – "On-Field Monitoring and Recording of Head Impacts Sustained by NFL players." Guskiewicz, K, and Mihalik, J. (Awarded October 2013).

Co-Principal Investigator, \$800,000 with the National Collegiate Athletic Association – “A prospective, longitudinal study of head impact exposure, neurologic health and brain imaging biomarkers in former NCAA athletes: 15-year follow-up of the original NCAA Concussion Study.” Guskiewicz, K, and McCrea, M. (Funding split between UNC and MCW). (Awarded August 2013).

Principal Investigator, \$99,998,876 with National Football League Players Association - “Advancing the Frontiers of Research in Professional Football: Safeguarding the Health of Active and Former NFL Players.” Guskiewicz, Marshall, McCrea (Submitted August 2012 – not funded).

Co-Principal Investigator, \$400,000 with National Collegiate Athletic Association – “The National Sport Concussion Outcomes Study (NSCOS)” Giza C, Kutcher J, Guskiewicz K, McCrea M, Eckner JT, Broglio S. (Awarded: July 2012).

Co-Principal Investigator, \$99,165 with NFL Charities – “Association between football exposure and dementia in retired football players.” Guskiewicz KM and Marshall SW (Awarded December 2010)

Principal Investigator, \$98,000 with NFL Players Association – “Association between football exposure and dementia in retired football players.” Guskiewicz KM (Awarded April 2010)

Co-Principal Investigator, \$12,600 with NFL Charities – “Concussion Knowledge, Attitudes and Practices of High School Athletes and Coaches.” Guskiewicz K, and Mihalik JR (Awarded November 2008).

Principal Investigator, \$282,000 with National Operating Committee on Standards for Athletic Equipment – “Prospective investigation of sport-related concussion: Relationship between biomechanical, neuroanatomical, and clinical factors: Part II.” Guskiewicz KM, Mihalik JP, Marshall SW, Smith JK (Awarded: February 2009).

Principal Investigator, \$258,000 with Martek Biosciences, Corp. – “Docosahexaenoic Acid (DHA) Supplementation in Retired Professional Football Players.” Guskiewicz KM, Bailes JM, Marshall SW (Awarded: June 2008).

Principal Investigator, \$165,000 with National Operating Committee on Standards for Athletic Equipment – “Prospective Evaluation of Head Impacts in Youth Ice Hockey: Part II.” Guskiewicz KM, Mihalik JP, Marshall SW, Greenwald R (Awarded: January 2008).

Co-Principal Investigator, \$300,000 with National Operating Committee on Standards for Athletic Equipment – “Hypopituitarism in Retired Professional Football Players.” Kelly D, Guskiewicz KM. (Awarded: February 2008).

Co-Principal Investigator, \$225,000 with The Ontario Neurotrauma Foundation – “Prospective Analysis of Head Impacts Sustained in Bantam-Aged Minor Hockey Players.” Guskiewicz KM, and Montelpare W (Awarded: March 2006).

Principal Investigator, \$160,000 (\$40,000 for 4 years) – National Football League Players’ Association – “Investigating the Health of Retired NFL Players” (Awarded: June 2005).

Principal Investigator, \$240,000 with Medtronic – Sofamor-Danek – “Investigation of Back Pain in Retired Professional Football Players” Guskiewicz KM, Bailes J, Taft T, Hooker D (Awarded: September 2004).

Principal Investigator, \$240,000 with Alzheimer’s Association – “Association between cerebral concussion and mild cognitive impairment (MCI) later in life.” Guskiewicz KM, Kaufer D, McCrea M, Marshall SW, Smith K, Lin W. (Submitted: December 2004 – not funded).

Principal Investigator, \$300,000 with American Health Assistance Foundation – “Association between cerebral concussion and mild cognitive impairment (MCI) later in life.” Guskiewicz KM, Robertson K, Longo F, McCrea M, Marshall SW, Smith K, Lin W, Bailes J. (Submitted: September 2004 – not funded).

Principal Investigator, \$240,000 with Alzheimer’s Association – “Association between cerebral concussion and mild cognitive impairment (MCI) later in life.” Guskiewicz KM, Robertson K, Longo F, McCrea M, Marshall SW, Smith K, Lin W, Bailes J. (Submitted: December 2003 – not funded).

Principal Investigator, \$200,000 with National Football League Charities - “Association between mild traumatic brain injury and neurodegenerative dementing disorders.” Guskiewicz KM, Longo F, McCrea M, Marshall S, Robertson K, Smith K, Lin W, Randolph C, Cantu R, (Submitted: May, 2003 – not funded).

Principal Investigator, \$240,000 with Alzheimer’s Association – “Association between cerebral concussion and mild cognitive impairment (MCI) later in life.” Guskiewicz KM, Robertson K, Longo F, McCrea M, Marshall SW, Smith K, Lin W, Bailes J. (Submitted: December 2002 – not funded).

Co-investigator, \$114,465 with American Orthopaedic Society for Sports Medicine (AOSSM)- “Epidemiology of Jump-Landing Movements and ACL Injury.” Marshall SW, Padua DA, Guskiewicz KM, Yu B, Garrett WE, Kirkendall D (Awarded: December 2002).

Co-Investigator, \$10,000 with National Federation of State High School Associations (NFHS)- "A prospective study on injury assessment, return to play and outcome following concussion in high school athletes." McCrea M, Hammeke T, Guskiewicz KM, et al. (Awarded: June 2001).

Co-Principal Investigator, \$10,000 with National Operating Committee on Standards for Athletic Equipment- "A Prospective Study on Injury Assessment, Return to Play and Outcome Following Concussion in Collegiate Football Players." Guskiewicz KM and McCrea M. (Awarded: July 2000 for continuation of NCAA funded project - see below).

Co-Investigator, \$12,000 with National Federation of State High School Associations (NFHS)- "A prospective study on injury assessment, return to play and outcome following concussion in high school athletes." McCrea M, Hammeke T, Guskiewicz KM, et al. (Awarded: June 2000).

Principal Investigator, \$45,990 with National Operating Committee on Standards for Athletic Equipment- "A Prospective study on injury assessment, return to play and outcomes following concussion in athletes." Guskiewicz KM, McCrea M, Marshall SW, et al. (Awarded: July 1999).

Co-Principal Investigator, \$40,000 with National Collegiate Athletic Association- "A Prospective Study on Injury Assessment, Return to Play and Outcome Following Concussion in Collegiate Football Players." Guskiewicz KM and McCrea M. (Awarded: February 1999).

Co-Investigator, \$1,000 with Mid-Atlantic Athletic Trainers' Association-"Cumulative Effects of Multiple Treatments of Phonophoresis with Dexamethasone on Serum Dexamethasone and Cortisol Levels." Strapp E, Guskiewicz KM, Forman S., et al. (Awarded: April 1999).

Principal Investigator, \$84,095 with National Operating Committee on Standards for Athletic Equipment - "Effect of mild head injury on cognition and postural stability." Guskiewicz KM, Mueller FO, Perrin DH, et al. (Awarded: August 1996).

Co-Principal Investigator, \$10,000 with National Athletic Trainers' Association Research and Education Foundation - "Effect of mild head injury on postural stability." Guskiewicz KM and Perrin DH. (Awarded: June 1996)

Co-Principal Investigator, \$15,000 with National Athletic Trainers' Association Research and Education Foundation - "Effect of mild head injury on cognition and postural stability." Guskiewicz KM and Perrin DH. (Awarded January 1995).

Principal Investigator, \$1,250 with District III - National Athletic Trainers' Association. - "Effect of mild head injury on postural stability and cognition." Guskiewicz KM. (Awarded: April 1995).

Local and University Centers:

Founding Director, *Matthew Gfeller Sport-Related Traumatic Brain Injury Research Center at UNC-CH*. Secured \$200,000 in fundraising to establish the center (May 2010); Over the past decade have helped raise nearly \$8M in new research grants and private funding to expand the Center's mission and programming to aid athletes and servicemembers of all ages through our clinical research program.

Research Director, *Center for the Study of Retired Athletes (CSRA) at UNC-CH*. Secured \$250,000 from internal and external sources to develop and operate the center for the initial 3 years. (September 2000); Over the past 19 years have helped raise nearly \$12M in research grants and private funding to expand the Center's mission and programming to aid athletes of all ages to benefit from our clinical research program.

Co- Investigator, \$35,000 with Waukesha Service Club (Charitable Grant). "Neurocognitive Functioning and Brain Activation in Acute MTBI: A Neuropsychological and Functional MRI Study. (Awarded: March 2001).

Co-Investigator, \$2,940 with Injury Prevention Research Center, University of North Carolina- "Response of Bone Mineral Density and Serum Hormone Levels Following Exercise Modifications in Amenorrheic Athletes." Peterson S, Guskiewicz KM, Hackney AC, et al. (Awarded: February 1999).

Co-Investigator, \$3,099 with Injury Prevention Research Center, University of North Carolina" Cumulative Effects of Multiple Treatments of Phonophoresis with Dexamethasone on Serum Dexamethasone and Cortisol Levels." Strapp E, Guskiewicz KM, Forman S., et al. (Awarded: March 1999).

GRANT REVIEW PANELS

National Football League Charities, November 2010 to 2013

National Institutes of Health, Clinical Neuroscience and Disease Study Section, 2005-2010

Alzheimer's Association, 2004-2006

National Athletic Trainers' Association Research and Education Foundation, 1997 to present

Mid-Atlantic Athletic Trainers' Association, 1995-2001

CONSULTING

Under Armour Head Health Challenge; 2013-2014.

Centers for Disease Control and Prevention's (CDC) Traumatic Brain Injury Round Table. Atlanta, GA. October 16 -17, 2012.

Helmet Sensors & Eye Protection and PM-Soldier Protective Equipment, Ft. Belvoir, VA; October 3, 2012.

Defense Centers of Excellence for Psychological Health and Traumatic brain Injury Clinical Standards of Care, Crystal City, Arlington, VA; July 16-17, 2012.

Defense and Veterans Brain Injury Center (DVBIC), Comparing concussion issues in military personnel to concussion in athletes, Walter Reed Hospital, Washington, DC, September 15-16, 2008.

North Carolina Department of Corrections. Development of a Correction Officer Physical Ability Test (COPAT), October 15, 2006 – April 15, 2008.

ANAM Sports Medicine Battery (ASMB) Working Group; Principal Investigator: Joseph Bleiberg, National Rehabilitation Hospital, Washington, DC, February 2004 – January 2005

North Carolina Criminal Justice & Sheriffs Commission. Development of a New Police Officer Physical Ability Test (POPAT) for Basic Law Enforcement Testing - 2000 (BLET 2000), January 1998 - March 2000

University of Michigan Undergraduate Athletic Training curriculum development, February 2000

Ohio State University Undergraduate Athletic Training curriculum development, October 1998

Becton Dickinson Consumer Products, Conducted at the University of Virginia, October 1993 to February 1994. Vaughan C.L. & Guskiewicz, K.M. "Testing of five sports tapes: A clinical study"

Becton Dickinson Consumer Products, Conducted at the University of Virginia, October 1993 to February 1994. Vaughan C.L. & Guskiewicz, K.M. "Testing of four neoprene braces: A clinical study"

MEMBERSHIPS/CERTIFICATIONS

Athletic Trainer Certified - National Athletic Trainers' Association: Member #890444, Certification #2-1827

American College of Sports Medicine

National Academy of Kinesiology

Athletic Training Research and Education Society - Vice President (1993-1995)

First Aid, CPR & Responding to Emergencies Instructor Certified, American Red Cross

Emergency Medical Service First Responder Certified - Commonwealth of Virginia

First Aid and CPR Certified, American Red Cross

OTHER POSITIONS/APPOINTMENTS

NCAA Concussion Safety Protocol Committee, ACC representative, 2015 to present

ACSM/ AMSSM Team Physician Concussion Consensus Statement Writing Group, 2011

American Academy of Neurology Practice Parameter Writing Group, 2010 to 2013

National Football League's Head, Neck, and Spine Safety Committee, 2010 to 2016

Chair, Equipment Safety and Rules Sub-Committee

National Collegiate Athletic Association's Concussion Committee, 2010 to 2017

National Football League Player's Association Mackey-White Committee, 2009 to 2017

National Athletic Trainers' Association Convention Committee, 1998 to 2001

Program Chair, 2000 Annual Meeting, Nashville, TN., June 28 - July 2, 2000.

National Athletic Trainers' Association Education Council, Graduate Program Review Committee, 1999 to July 2005

National Athletic Trainers' Association Education Council, Clinical Education Committee, 1997 to 1998

Chair, National Athletic Trainers' Association Pronouncement Committee on Mild Head Injury, 1997 to 2004

Secretary: *Atlantic Coast Conference Sports Medicine Society, 1996 to 1999*

-- Updated October 2024 --