

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

December 13, 2019 – January 12, 2024

Interim Chancellor, University of North Carolina at Chapel Hill

February 7, 2019 – December 12, 2019

- Leading the planning effort to launch the University's strategic plan "Carolina Next: Innovations for Public Good" with clearly defined initiatives and opportunities for 2020-2022, including expanding operational excellence and launching programs that are uniquely Carolina.

- Implementing the goals of “Higher Expectations,” the Strategic Plan for the University of North Carolina system, including access, student success, affordability & efficiency, economic impact & community engagement, and excellent & diverse institutions.
- Executing the University’s *Campaign for Carolina* fundraising goals, currently at \$2.88 billion of a \$4.25 billion campaign goal.
- Overseeing the University’s research enterprise of over \$1.1 billion in expenditures annually.
- Strengthening partnerships with diverse stakeholders including the NC General Assembly, the Board of Governors, and the citizens of North Carolina.
- Re-launching the Tar Heel Bus Tour with 90 faculty going to three different regions of the state to learn about the diverse communities Carolina students call home.

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.
- Participated as part of the Chancellor’s Cabinet to develop UNC-Chapel Hill’s strategic framework, “*Blueprint for Next*” launched in 2017.
- 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.
- Leading 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 to be launched over the next two years.

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 in Athletic Training (graduate)

Seminar in Educational Research (graduate)

Research Advisor: 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:

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.

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, Riggan 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, Swerdloff 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 Iii WP, 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 Ierssel J, Bhatnala 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 KM, 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.

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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 Sport-Related 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 Bytowski, 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 Delimma: 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.

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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 February 2020 --