

CURRICULUM VITAE

Michael McCrea PhD

**Professor
Department of Neurosurgery
Division of Research**

OFFICE ADDRESS:

The Hub for Collaborative Medicine
8701 Watertown Plank Road
Milwaukee, WI 53226

EDUCATION:

08/1984 - 05/1988 BA - Psychology & Sociology, Loras College, Dubuque, IA
08/1988 - 05/1991 MS - Clinical Psychology, University of Wisconsin, Milwaukee, WI
06/1991 - 08/1994 PhD - Clinical Psychology, University of Wisconsin, Milwaukee, WI

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

08/1993 - 08/1994 Predoctoral Internship, Clinical Psychology/ Neuropsychology, Vanderbilt University
Medical School, Nashville, TN
08/1994 - 08/1996 Post-Doctoral Fellowship, Clinical Neuropsychology, Northwestern University Medical
School, Chicago, IL

FACULTY APPOINTMENTS:

08/1997 - 07/2005 Adjunct Clinical Assistant Professor, Psychology, University of Wisconsin, Milwaukee,
WI
07/2000 - 06/2005 Assistant Adjunct Professor, Neurology, Medical College of Wisconsin, Milwaukee, WI
07/2005 - Present Associate Adjunct Professor, Neurology, Medical College of Wisconsin, Milwaukee, WI
08/2005 - Present Adjunct Clinical Associate Professor, Psychology, University of Wisconsin, Milwaukee,
WI
09/2011 - Present Professor, Neurosurgery and Neurology, Medical College of Wisconsin, Milwaukee, WI
07/2016 - Present Professor with Tenure in the Traditional Path, Neurosurgery, Medical College of Wisconsin
09/2019 - 08/2022 Adjunct Professor, Psychology, University of Wisconsin, Milwaukee

ADMINISTRATIVE APPOINTMENTS:

08/1996 - 09/2009 Head of Neuropsychological Services, Waukesha Memorial Hospital, Waukesha, WI
08/2002 - 02/2011 Executive Director, Neuroscience Center, ProHealth Care, Inc, Waukesha, WI
07/2009 - Present Executive Director/Institutional Official, Research Institute, ProHealth Care Inc,
Waukesha, WI
05/2011 - Present Director, Neurosurgery, Brain Injury Research, Medical College of Wisconsin, Milwaukee,
WI
07/2017 - Present Vice Chair of Research, Neurosurgery, Medical College of Wisconsin
07/2018 - Present Co-Director, Center for Neurotrauma Research, Neurosurgery, Medical College of
Wisconsin

HOSPITAL AND CLINICAL ADMINISTRATIVE APPOINTMENTS:

10/1996 - 09/2002 Member, Senior Services Advisory Board, Waukesha Memorial Hospital, Waukesha, WI
1996 - 1997 Neuropsychological Consultant, Chicago Bears Professional Football Club, Chicago, IL
10/1997 - 09/2002 Chairperson, Division of Psychology, Waukesha Memorial Hospital, Waukesha, WI
1997 - 1998 Neuropsychological Consultant, 1997-98 Chicago Blackhawks Professional Hockey Club,
Chicago, IL

1999 - 2007 Neuropsychological Consultant, Milwaukee Admirals Professional Hockey Club, Milwaukee, WI
 2000 - Present Neuropsychological Consultant, Milwaukee Bucks Professional Basketball Club, Milwaukee, WI
 2003 - 2010 Neuropsychological Consultant, Marquette University Dept. of Athletics, Milwaukee, WI
 10/2008 - Present Co-Chair, Physician Planning Council in Neuroscience, ProHealth Care Neuroscience Center
 10/2009 - 09/2010 Participant, Physician Leadership Academy, Waukesha Memorial Hospital, Waukesha, WI
 03/2012 - Present Member, TBI Process Improvement Team, Froedtert Memorial Lutheran Hospital, Milwaukee, WI
 07/2013 - Present Member, Faculty Rank and Tenure Committee, Medical College of Wisconsin, Milwaukee, WI
 2013 - Present Neuropsychological Consultant, Green Bay Packers Professional Football Club, Green Bay, WI

RESEARCH ADMINISTRATIVE APPOINTMENTS:

10/1999 - 09/2010 Member, Institutional Review Board (IRB), Waukesha Memorial Hospital, Waukesha, WI
 10/2009 - 05/2011 Co-Chair, Research Advisory Council, ProHealth Care Research Institute
 01/2015 - Present Co-Chair, Research Core, Injury Research Center (IRC), Medical College of Wisconsin
 03/2020 - Present Committee Member, COVID-19 Clinical Research Appeals Group (CRAG), Medical College of Wisconsin
 04/2020 - Present Committee Member, COVID-19 Clinical Research Reactivation, Medical College of Wisconsin
 07/2020 - Present Committee Member, MCW Research Space Committee, Medical College of Wisconsin

HOSPITAL STAFF PRIVILEGES:

08/1996 - 05/2011 Waukesha Memorial Hospital, Waukesha, WI
 10/2011 - Present Froedtert Memorial Lutheran Hospital, Milwaukee, WI

SPECIALTY BOARDS AND CERTIFICATION:

<u>Board Certified</u>	<u>Issue Date</u>	<u>Expiration</u>
American Board of Clinical Neuropsychology (ABCN)/American Board of Professional Psychology (ABPP)	05/2002	None

<u>Certificates</u>	<u>Issued By</u>	<u>Issue Date</u>	<u>Expiration</u>
National Register of Health Service Providers in Psychology		08/1996	07/2008
CPR	AHA/WMH	10/1996	09/2011
ACLS	AHA/WMH	10/1996	09/2011

<u>Licensure</u>	<u>Number</u>	<u>Issue Date</u>	<u>Expiration</u>
Wisconsin License Clinical Psychologist	1925	08/1995	10/2011
Illinois License	Clinical Psychologist	10/1995	09/1996

AWARDS AND HONORS:

08/1994 National Dissertation Research Award , American Psychological Association
 05/2003 - 05/2005 Fellow, National Academy of Neuropsychology (NAN)
 05/2004 Early Career Award, Nominee, National Academy of Neuropsychology (NAN)

05/2005 Early Career Award, Nominee, APA Division 40 (Clinical Neuropsychology)
12/2010 Milwaukee Healthcare Hero , BizTimes Publications
03/2013 Arthur B. Kohasky Leadership Award , Wauwatosa Library Foundation
2016 UWMAA Lifetime Achievement Award, University of Wisconsin, Milwaukee, Alumni Association
2018 Distinguished Alumni Professional Achievement Award, Loras College

MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:

01/1995 - Present Midwestern Neuropsychology Group (MNG) (Member)
08/1996 - Present International Neuropsychological Society (INS) (Member)
08/1996 - Present American Psychological Association (APA) (Member)
08/1996 - Present APA, Division 40 (Clinical Neuropsychology) (Member)
08/1996 - 2005 National Academy of Neuropsychology (NAN) (Member)
01/1997 - Present Brain Injury Association of Wisconsin (BIAW) (Member)
01/2002 - Present American Academy of Clinical Neuropsychology (AACN) (Member)

EDITORSHIPS/EDITORIAL BOARDS/JOURNAL REVIEWS:

Editorship

01/2004 - Present Journal of Athletic Training
01/2008 - Present The Clinical Neuropsychologist (TCN)
01/2008 - 01/2010 American Psychological Association Division 40 (Clinical Neuropsychology)
Newsletter
01/2009 - Present Neurosurgery

Journal Review

Clinical Journal of Sports Medicine (CJSM)
Journal of American Medical Association (JAMA)
Journal of Clinical and Experimental Neuropsychology (JCEN)
The Clinical Neuropsychologist
Journal of Head Trauma Rehabilitation
Journal of Athletic Training (JAT)
Journal of International Neuropsychological Society (JINS)
Neurosurgery
British Journal of Sports Medicine (BJSM)
Medicine & Science in Sports & Exercise
Neuropsychology
Pediatrics

LOCAL/REGIONAL APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

10/1996 - 09/1997 Member, Board of Associates, Wisconsin Athletic Trainers Association
01/1998 - 12/2002 Member, Board of Directors, Wisconsin Brain Injury Association

NATIONAL ELECTED/APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

01/2000 - Present Member, Board of Directors, The Center for Study of Retired Athletes, University of North Carolina at Chapel Hill and National Football League (NFL) Players Association
02/2003 - 01/2010 Member, Practice Advisory Committee, American Psychological Association – Division 40 (Clinical Neuropsychology)
01/2004 - 06/2008 Coordinator, Member, Scientific Program/Annual Meeting Committee, American Academy of Clinical Neuropsychology (AACN)
02/2005 - 02/2012 Member, Board of Directors, American Academy of Clinical Neuropsychology
10/2005 - 02/2008 Treasurer, American Academy of Clinical Neuropsychology
10/2006 Member, Defense and Veterans Brain Injury Center Working Group on the Acute Management of Mild Traumatic Brain Injury (TBI) in Military Operational Settings
02/2007 - 07/2007 Member, Inter-Organizational Neuropsychology Task Force on the Management of Combat-Related Traumatic Brain Injury, Task Force Chairperson
07/2007 Member, United States Department of Defense/Department of Veterans Affairs Traumatic Brain Injury Conference – Expert Panel Participant
01/2008 - 01/2010 Editor, Newsletter 40, American Psychological Association (APA) – Division 40 (Clinical Neuropsychology)

02/2008 - 01/2010 Vice President, American Academy of Clinical Neuropsychology
 10/2008 Member, External Advisory Subcommittee, United States Department of Defense and Defense Health Board – Traumatic Brain Injury (TBI)
 10/2008 member, Expert Consensus Panel - 3rd International Conference on Concussion in Sport; Zürich, Switzerland, Concussion in Sports Group (CISG)
 01/2010 - 02/2012 President, American Academy of Clinical Neuropsychology
 05/2010 Member, Expert Panel, In-Process Review of Funded Research Projects. Medical Research and Materiel Command
 07/2010 Washington, DC, Scientific Advisory Panel, United States Navy Defense Automated Neurobehavioral Assessment (DANA) Project
 02/2011 Member, Neuropsychology Inter-organizational Work Group on Computerized Cognitive Testing
 03/2011 Member, Inter-organizational Forum, Role of Neuropsychology in the Assessment and Management of Sport-related Concussion
 08/2011 - Present Member, Subcommittee on Core Data Elements for Traumatic Brain Injury (CDE-TBI), National Institute for Neurologic Disorders and Stroke (NINDS)
 11/2011 - Present Member, Committee on Core Data Elements for Sport-related Concussion (CDE-SRC), National Collegiate Athletic Association (NCAA)
 02/2012 - Present Member, Expert Panel on Mild Traumatic Brain Injury, Centers for Disease Control and Prevention
 2012 Member, Expert Consensus Panel, Concussion in Sports Group (CISG), 4th International Conference on Concussion in Sport; Zürich, Switzerland
 2012 Head Neck and Spine Medical Committee, National Football League
 2012 Expert Panel Member, The Neuropathology of Chronic Traumatic Encephalopathy
 2014 Concussion Research Think Tank I, NFL International Sports
 2014 Neurocognitive Assessment Capability Development Effort Technical Working Group, Medical Research & Materiel Command-Military Operational Medicine Research Program (USAMRMC-MOMRP)
 2015 Secretary, Board of Governors, International Neuropsychological Society (INS)
 2015 Scientific Committee, 5th International Consensus Conference on Concussion in Sport
 2015 Meeting Planning Committee, International State of the Science
 2015 Concussion Research Think Tank II, NFL International Sports
 2016 Scientific Committee Member, International Neuropsychological Society
 2016 International Brain Injury Association's International Planning Committee (IBIA IPC)
 2017 - 2019 President-Elect 2017 President 2018 Past President 2019, APA Society of Clinical Neuropsychology
 2018 Board of Directors and Medical Advisory Committee, USA Football
 2020 Committee Member, FIFA Concussion Workforce
 2020 International Brain Injury Association's International Planning Committee (IBIA IPC)
 2020 Scientific Committee, 6th International Consensus Conference on Concussion in Sport

RESEARCH GRANTS/AWARDS/CONTRACTS/PROJECTS:

Active

Peer Review

Title: TBI Endpoints Development (TED)
 Source: Department of Defense –
 Congressionally Directed Medical
 Research Programs
 Role: Co-Investigator
 PI: Geoff Manley, MD, PhD, PI
 Dates: 10/01/2014 - 09/30/2020
 Direct Funds: \$17,109,805

Title: Role of Rehabilitation in Concussion
 Management: A Randomized, Controlled
 Trial
 Source: National Football League

Role:	Principal Investigator; Johna Register-Mihalik, PhD, Kevin Guskiewicz, PhD, Co-PIs
Dates:	05/01/2016 - 04/30/2020
Direct Funds:	\$2,599,957
Title:	TRACK LONG
Source:	National Football League Foundation
Role:	Co-Investigator, Site PI; Geoff Manley, MD, PhD, PI
Dates:	07/01/2017 - 08/31/2020
Direct Funds:	\$3,454,080
Title:	Neurologic Function across the Lifespan: A Prospective, LONGitudinal, and Translational Study for Former National Football League Players: NFL LONG
Source:	National Football League Foundation
Role:	Principal Investigator
Dates:	10/31/2017 - 06/30/2023
Direct Funds:	\$14,698,132
Title:	Correlation of Head Impact Exposure in High School Athletics with Clinical Changes and Concussion
Source:	NIH Child Health and Human Development- Advanced Medical Electronics Corp
Role:	Co-Investigator; Brian Stemper, PhD, PI
Dates:	03/01/2018 - 08/31/2020
Direct Funds:	\$743,327
Title:	Active Injury Management (AIM) after Pediatric Concussion in Adolescents
Source:	Center for Disease Control (CDC)
Role:	Co-Investigator; Danny Thomas, MD, PI
Dates:	04/01/2018 - 03/31/2022
Direct Funds:	\$2,199,963
Title:	Cumulative and Persistent Intermediate Effects of Concussion and Head Impact Exposure in CARE Consortium Military Service Academy Members and NCAA Athletes
Source:	USAMRMC and NCAA
Role:	Principal Investigator; Tom McAllister, MD, Steven Broglio, PhD, ATC, Paul Pasquina, MD, Co-PIs
Dates:	07/29/2018 - 08/30/2020
Direct Funds:	\$22,492,700
Title:	TRACK-TBI Precision Medicine- Pathomechanistic Classification of Traumatic Brain Injury: The Bridge to Targeted Therapies
Source:	Department of Defense – Congressionally Directed Medical

Role:	Research Programs Co-Investigator; Geoff Manley, MD, PhD,
Dates:	09/30/2018 - 09/29/2021
Direct Funds:	\$4,417,725
Title:	Human Head Impact Dose Concussion Risk Functions and Sensor-Based Military-Specific Environmental Monitoring System (Prevent)
Source:	Department of Defense
Role:	Co-Investigator; Brian Stemper, PhD, PI
Dates:	11/01/2018 - 10/31/2020
Direct Funds:	\$2,886,201
Title:	Longitudinal Evaluation of Changes in Brain Structure and Function after Exposure to Subconcussive Impacts
Source:	NIH/NINDS
Role:	Principal Investigator; Yang Wang, MD, Co-PI
Dates:	04/01/2019 - 03/31/2024
Direct Funds:	\$2,939,080
Title:	Service Academy Longitudinal TBI Outcomes Study (SALTOS)
Source:	UHSUS
Role:	Co-Investigator, Site PI; Paul Pasquina, MD, PI
Dates:	07/01/2019 - 06/30/2022
Direct Funds:	\$12,480,000

Prior

Peer Review

Title:	A Prospective Study on Injury Assessment, Return to Play and Outcome Following Concussion in College Athletes
Source:	National Collegiate Athletic Association (NCAA) Committee on Competitive Safeguards and Medical Aspects of Sports
Role:	Co-Investigator
PI:	Kevin Guskiewicz, Ph.D./ATC
Dates:	07/01/1999 - 06/30/2000
Direct Funds:	\$40,000
Title:	A Prospective Study on Injury Assessment, Return to Play and Outcome Following Concussion in High School Athletes
Source:	The National Operating Committee on Standards for Athletic Equipment (NOCSAE)
Role:	Co-Investigator
PI:	Kevin Guskiewicz, Ph.D./ATC

Dates: 08/01/1999 - 07/31/2001
 Direct Funds: \$45,990

Title: Prospective Investigation of Mild Head Injury in Sport: A Prevention Initiative.
 Source: The Centers for Disease Control and Prevention
 Role: Co-Investigator
 PI: Kevin Guskiewicz, Ph.D./ATC
 Dates: 08/01/1999 - 07/31/2002
 Direct Funds: \$465,000

Title: Functional Magnetic Resonance Imaging (fMRI) of acute concussion in athletes
 Source: National Football League (NFL) Charities
 Role: Principal Investigator
 PI: Self
 Dates: 05/01/2000 - 04/30/2001
 Direct Funds: \$20,000

Title: Neurocognitive Functioning and Brain Activation in Acute MTBI: A Neuropsychological and Functional MRI Study
 Source: National Academy of Neuropsychology
 Role: Principal Investigator
 PI: Self
 Dates: 06/01/2000 - 05/31/2001
 Direct Funds: \$22,000

Title: A Prospective Study on Injury Assessment, Return to Play and Outcome Following Concussion in High School Athletes
 Source: National Federation of State High School Associations (NFHS)
 Role: Principal Investigator
 PI: Self
 Dates: 06/01/2000 - 05/31/2001
 Direct Funds: \$12,000

Title: A Prospective, Longitudinal Study on Injury Assessment, Return to Play and Outcome Following Concussion in College Athletes
 Source: The National Operating Committee on Standards for Athletic Equipment (NOCSAE)
 Role: Principal Investigator
 PI: Self
 Dates: 08/01/2000 - 07/31/2001
 Direct Funds: \$10,000

Title: A Prospective Study on Injury Assessment, Return to Play and Outcome Following Concussion in High

Source:	School Athletes National Federation of State High School Associations (NFHS)
Role:	Principal Investigator
PI:	Self
Dates:	06/2001 - 05/2002
Direct Funds:	\$10,000
Title:	Prospective Investigation of Mild Head Injury in Sport: A Prevention Initiative
Source:	The Centers for Disease Control and Prevention
Role:	Co-Investigator
PI:	Kevin Guskiewicz, Ph.D./ATC
Dates:	08/01/2001 - 07/01/2002
Direct Funds:	\$124,000
Title:	Functional Magnetic Resonance Imaging (fMRI) of Acute Mild Traumatic Brain Injury
Source:	National Operating Committee on Standards for Athletic Equipment (NOCSAE)
Role:	Principal Investigator
PI:	Self
Dates:	06/01/2004 - 07/31/2006
Direct Funds:	\$30,000
Title:	Prospective Investigation of Sport- Related Concussion: Relationship Between Biomechanical, Neuroanatomical, and Clinical Factors
Source:	Centers for Disease Control and Prevention
Role:	Co-Investigator
PI:	Kevin Guskiewicz, PhD/ATC
Dates:	10/01/2004 - 09/30/2007
Direct Funds:	\$579,000
Title:	Prospective Evaluation of Head Impacts in Youth Ice Hockey: Part II
Source:	National Operating Committee on Standards for Athletic Equipment
Role:	Consultant
PI:	Kevin Guskiewicz, PhD, ATC
Dates:	01/01/2008 - 12/31/2010
Direct Funds:	\$165,000
Title:	Acute Effects and Recovery after Concussion in Athletes: Feasibility and Efficacy of a Quantitative EEG Using BrainScope
Source:	BrainScope, Inc.
Role:	Principal Investigator
PI:	Self
Dates:	07/01/2008 - 06/30/2009
Direct Funds:	\$175,000

Title: Feasibility and Efficacy of Quantitative EEG Using BrainScope to Assess Acute Effects and Recovery after Concussion in a Hospital Emergency Department
Source: BrainScope, Inc.
Role: Principal Investigator
PI: Self
Dates: 08/01/2008 - 03/31/2011
Direct Funds: \$190,000

Title: fMRI Study Comparing Patients Taking IFN-B-1A 44 MCG TIW SC to Healthy Controls in Multicenter Study of Patients Diagnosed w/Relapsing Remitting MS
Source: EMD- Serono, Inc.
Role: Principal Investigator
PI: Self
Dates: 10/01/2008 - 09/30/2011
Direct Funds: \$205,000

Title: Validation of the Military Acute Concussion Evaluation (MACE) for In-Theater Evaluation of Combat-Related Traumatic Brain Injury
Source: Congressionally Directed Medical Research Program (CDMRP)
Role: Principal Investigator
PI: Self
Dates: 10/08/2008 - 04/15/2011
Direct Funds: \$150,000

Title: Development of Braincheckers Handhold Cognitive Assessment Module
Source: United States Navy
Role: Co-Investigator
PI: Dennis Reeves, PhD
Dates: 05/01/2009 - 04/30/2010
Direct Funds: \$10,000

Title: Acute Effects and Recovery after Concussion in Athletes: Feasibility and Efficacy of a Quantitative EEG Using BrainScope
Source: BrainScope, Inc.
Role: Principal Investigator
PI: Self
Dates: 07/01/2009 - 06/30/2010
Direct Funds: \$168,323

Title: Normative Project on the Military Acute Concussion Evaluation (MACE)
Source: Normative Project on the Military Acute Concussion Evaluation (MACE)
Role: Principal Investigator
PI: Self
Dates: 05/01/2010 - 02/28/2011

Direct Funds:	\$56,000
Title:	Acute Effects and Recovery after Concussion in Athletes: Feasibility and Efficacy of a Quantitative EEG Using BrainScope
Source:	DonJoy Orthopedics, Inc.
Role:	Principal Investigator
PI:	Self
Dates:	07/01/2010 - 06/30/2011
Direct Funds:	\$201,000
Title:	Association between football exposure and dementia in retired football players
Source:	NFL Charities
Role:	Co-Investigator
PI:	Kevin Guskiewicz, PhD, ATC
Dates:	12/01/2010 - 04/30/2012
Direct Funds:	\$99,155
Title:	Essential Features of Neural Damage in Mild Traumatic Brain Injury (MTBI)
Source:	Department of Veterans Affairs - RR&D Merit Program
Role:	Co-Investigator
PI:	Scott Sponheim, PhD
Dates:	07/01/2011 - 06/30/2015
Direct Funds:	\$1,100,000
Title:	An Independent, Head to Head Study of the Reliability and Validity of Neurocognitive Test Batteries for the Assessment of Mild Traumatic Brain Injury
Source:	Walter Reed Army Institute for Research (WRAIR)/ Medical Research Materiel Command (MRMC)
Role:	Principal Investigator
PI:	Self
Dates:	03/01/2012 - 02/28/2015
Direct Funds:	\$1,700,000
Title:	National Sports Concussion Outcome Study (NSCOS)
Source:	National Collegiate Athletic Association (NCAA)
Role:	Principal Investigator
PI:	Self
Dates:	03/02/2012 - 02/28/2016
Direct Funds:	\$400,000
Title:	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
Source:	National Collegiate Athletic Association

(NCAA)
Role: PI
PI: Kevin Guskiewicz, PhD, ATC Co-PI,
Shi-Jiang Li, PhD Co-PI
Dates: 07/01/2013 - 06/30/2016
Direct Funds: \$763,634

Title: A Prospective Study of Advanced MRI
Biomarkers to Determine Acute
Physiological Effects and Longitudinal
Recovery after Sport-Related
Concussion

Source: NFL-GE Head Health Challenge
Role: PI
PI: Kevin Guskiewicz, PhD, ATC, Co-PI,
Shi-Jiang Li, PhD, Co-PI
Dates: 07/01/2014 - 06/30/2015
Direct Funds: \$300,000

Non-Peer Review

Title: Assessment of Head Injury in High
School Athletes
Source: Green Bay Packers Professional Football
Club
Role: Principal Investigator
PI: Self
Dates: 06/01/1999 - 05/31/2000
Direct Funds: \$1,000

Title: Assessment of Head Injury in High
School Athletes
Source: Herbert Kohl Charities
Role: Principal Investigator
PI: Self
Dates: 06/01/2000 - 05/31/2001
Direct Funds: \$500

Title: Assessment of Head Injury in High
School Athletes
Source: Green Bay Packers Professional Football
Club
Role: Principal Investigator
PI: Self
Dates: 07/01/2000 - 06/30/2001
Direct Funds: \$3,000

Title: Neuropsychological and
Neuroradiological study of traumatic
brain injury
Source: Waukesha Memorial Hospital
Foundation
Role: Principal Investigator
PI: Self
Dates: 07/01/2001 - 06/30/2004
Direct Funds: \$105,000

Title: Neurocognitive Functioning and Brain

	Activation in Acute MTBI: A Neuropsychological and Functional MRI Study
Source:	Waukesha Service Club Charitable Grant
Role:	Principal Investigator
PI:	Self
Dates:	07/01/2001 - 06/30/2004
Direct Funds:	\$35,000
Title:	Assessment of Head Injury in High School Athletes
Source:	Green Bay Packers Professional Football Club
Role:	Principal Investigator
PI:	Self
Dates:	07/01/2002 - 06/30/2003
Direct Funds:	\$1,500
Title:	Reducing the Risk of Concussion in Female High School Athletes
Source:	Women Connected – Waukesha Memorial Hospital Foundation
Role:	Principal Investigator
PI:	Self
Dates:	10/01/2004 - 09/30/2005
Direct Funds:	\$5,000
Title:	Investigating the Effects of “Chemobrain” in Cancer Patients
Source:	Greater Milwaukee Foundation
Role:	Principal Investigator
PI:	Self
Dates:	10/01/2008 - 12/31/2010
Direct Funds:	\$40,000
Title:	Investigating the Effects of “Chemobrain” in Cancer Patients
Source:	Waukesha Memorial Hospital Foundation – Women Connected
Role:	Principal Investigator
PI:	Self
Dates:	10/01/2009 - 09/30/2011
Direct Funds:	\$40,000

INVITED LECTURES/WORKSHOPS/PRESENTATIONS:

Local

Immediate Assessment of Concussion in the Acute Stage, Residency Grand Rounds, Department of Physical Medicine and Rehabilitation, Medical College of Wisconsin, Milwaukee, WI, 03/1996

Neuropsychological Differentiation of Alzheimer’s Disease and Vascular Dementia, All-staff Grand Rounds Presentation at Waukesha Memorial Hospital, Waukesha, WI, 01/1997

Neuropsychological Evaluation of Concussion Immediately Following Injury, Midwest Neuropsychological Group Annual Meeting, Madison, WI, 05/1997

Neuropsychological Differentiation of Alzheimer’s Disease and Vascular Dementia, Wisconsin Association of Osteopathic Physicians and Surgeons Mid-America Continuing Medical Education Seminar, Milwaukee, WI, 05/1997

Differential Diagnosis of Alzheimer’s Disease, other Dementias, Delirium, and Dementia in a Primary Care

Setting, Continuing education lecture sponsored by Pfizer Pharmaceutical Co, Milwaukee, WI, 04/1998

A Comprehensive Approach to the Diagnosis and Treatment of Persons with Dementia, Keynote Address – 1998 Dementia Care Network Symposium sponsored by the Alzheimer’s Association of Southeastern Wisconsin, Milwaukee, WI, 10/1998

Assessment of Mild Traumatic Brain Injury in the Emergency Room, Grand Rounds Presentation at Luther Midelfort Mayo Health System, Eau Claire, WI, 02/1999

A comprehensive approach to the assessment and management of concussion in athletes, Carroll College Allied Health Research Symposium, Waukesha, WI, 03/1999

Evaluation and management of mild and moderate head injury, All-staff Grand Rounds. Waukesha Memorial Hospital, Waukesha, WI, 05/2000

Assessment and management of mild traumatic brain injury and concussion in sports, University of Wisconsin-Green Bay, Green Bay, WI, 05/2000

Standardized approaches to brain injury assessment, Brain Injury Association of Wisconsin Annual Conference, Stevens Point, WI, 05/2000

Observations on neurologic disorders, cognitive dysfunction and disability, Wisconsin Association of Manufacturing and Commerce - Worker’s Comp Council, Milwaukee, WI, 10/2000

The role of assessment in management and prevention of sports concussion, Great Lakes Athletic Trainers Association Annual Conference, Milwaukee, WI, 04/2001

Diagnosis and treatment of cognitive and behavioral disorders in the elderly, Waukesha Memorial Hospital Center for Behavioral Health Professional Seminar, Waukesha, WI, 04/2001

Acute effects and early recovery following sports concussion, Wisconsin Athletic Trainers Association Annual Conference, Madison, WI, 05/2001

An update on research findings of value to the sports medicine clinician in diagnosing and managing head injury, Keynote lecture, University of Wisconsin-Milwaukee Athletic Training Education Symposium, Milwaukee, WI, 05/2001

Impact of Sports Concussion Research on injury management and prevention, Waukesha Memorial Hospital Foundation Board, Waukesha, WI, 06/2001

An Update on Research and Clinical Practice in Sports Concussion, Brain Injury Association of Wisconsin – Public Forum, Green Bay, WI, 09/2001

Impact of Sports Concussion Research on injury management and prevention, Waukesha Memorial Hospital Board of Trustees, Waukesha, WI, 10/2001

Assessment and Management of Sports Concussion, University of Wisconsin-Milwaukee Athletic Training Seminar, Milwaukee, WI, 05/2002

Residual effects of concussion, Midwest Neuropsychology Group Annual Meeting, Milwaukee, WI, 05/2003

The Future of Neuroscience, Waukesha Memorial Hospital Foundation Board, Waukesha, WI, 05/2003

Retrieval rather than storage deficits following sports concussion, Midwest Neuropsychology Group Annual Meeting, Milwaukee, WI, 05/2003

Objective Assessment of Concussion, Wisconsin Sports Concussion Conference, Appleton, WI, 03/2004

Update on the State of Neuroscience Care, Physician Connected Grand Rounds Lecture. Waukesha Memorial Hospital, Waukesha, WI, 03/2004

Assessment of Concussion, University of Wisconsin-Milwaukee. Athletic Training Seminar, Milwaukee, WI, 05/2004

Evaluation and Management of Head Injury, Grand Rounds, Fort Atkinson Memorial Hospital, Fort Atkinson, WI, 06/2005

Acute Effect, Early Recovery, and Return to Play Following Sports-Concussion, Department of Sports Medicine Grand Rounds, Medical College of Wisconsin, Milwaukee, WI, 07/2005

Evaluation and Management of Acute Concussion, Great Lakes Athletic Trainers Association (GLATA) Annual Conference, Madison, WI, 04/2006

From Gridiron to Battlefield: How sports concussion research is influencing the management of combat related TBI in Iraq, Waukesha Memorial Hospital All Staff Conference, Waukesha, WI, 03/2007

From Gridiron to Battlefield: How sports concussion research is influencing the management of combat related TBI in Iraq, Milwaukee Neuropsychiatric Society, Milwaukee, WI, 05/2008

Mild Traumatic Brain Injury and Postconcussion Syndrome: The new evidence base for diagnosis and treatment, Wisconsin Workers Compensation Forum, Waukesha, WI, 10/2008

Postconcussion Syndrome: The New Evidence Base for Diagnosis and Treatment, Wisconsin Rehabilitation Nursing Conference, Waukesha, WI, 01/2009

An Evidence-based Model for Recovery after Mild Traumatic Brain Injury, Midwest Neuropsychology Group, Milwaukee, WI, 05/2009

Zürich Paper, Guidelines and Protocol for Injury Management, Aurora Sports Medicine Institute, Milwaukee, WI, 05/2009

Mild Traumatic Brain Injury and Postconcussion Syndrome: The New Evidence Base for Diagnosis and Treatment, Brain Injury Association of Wisconsin, Green Bay, WI, 05/2009

An Evidence-based Model of Recovery Following Mild Traumatic Brain Injury, Colloquium Series, Department of Psychology, University of Wisconsin-Milwaukee, Milwaukee, WI, 04/2010

Acute Effects & Recovery Following Sport-Related Concussion: Clinical & Physiological Evidence, University of Wisconsin School of Medicine, Section of Sports Medicine, Madison, WI, 09/2010

Scientific Update on Mild Traumatic Brain Injury: New Evidence for Diagnosis and Management, Fort Atkinson Medical Center Grand Rounds, Fort Atkinson, WI, 10/2010

Diagnosis, Assessment and Rehabilitation of Mild Traumatic Brain Injury, United Heartland Workers Compensation Forum, Milwaukee, WI, 11/2010

Scientific Update on Mild Traumatic Brain Injury: Longitudinal Perspective on Acute and Longitudinal Effects, Medical College of Wisconsin, Department of Neurology Grand Rounds, Milwaukee, WI, 01/2011

Scientific Update on Mild Traumatic Brain Injury: Longitudinal Perspective on Acute and Longitudinal Effects, University of Wisconsin School of Medicine, Department of Neurology Grand Rounds, Milwaukee, WI, 01/2011

Scientific Update on Mild Traumatic Brain Injury: Longitudinal Perspective on Acute and Longitudinal Effects, Medical College of Wisconsin, Department of Neurosurgery Grand Rounds, Milwaukee, WI, 01/2011

Longitudinal Perspective on Effects and Recovery from mTBI, Department of Pulmonary Medicine Research Retreat, Medical College of WI, Milwaukee, WI, 02/2012

Scientific Update on Mild Traumatic Brain Injury: Longitudinal Perspective on Acute and Chronic Effects, Medical College of Wisconsin Physical Medicine and Rehabilitation Grand Rounds, Milwaukee, WI, 03/2012

Longitudinal Perspective on the Effects of Sport-Related Concussion, Medical College of Wisconsin Physical Medicine and Rehabilitation Sports Medicine Lecture, Milwaukee, WI, 04/2012

Scientific Advances in Assessing Acute Effects and Recovery after Sport-Related Concussion, Froedtert Health Sports Concussion Event, Milwaukee, WI, 07/2012

Concussion and Post-Concussion Syndrome: From Injury to Recovery, Waukesha County Technical College School Nurse Conference, Waukesha, WI, 10/2012

Toward International Consensus on Sport-Related Concussion: Update from Zurich 2012, Medical College of Wisconsin Sports Medicine Symposium, Milwaukee, Wisconsin, 03/2013

Sport-Related Concussion: What's all the fuss about and where do we go from here?, WHSFCA Clinic, Madison, Wisconsin, 03/2013

Scientific Advances in Sport-related Concussion, Milwaukee Academy of Science Lecture, Milwaukee, WI, 05/2013

Scientific Update on Sport-related Concussion: Taking the Guesswork out of Clinical Management, Carroll University Office of Services for Students with Disabilities lecture, Waukesha, WI, 11/2013

Scientific Discoveries in Sport-Related Concussion: Informing the Broader Science of Brain Injury, Medical College of Wisconsin Alumni Event, Milwaukee, WI, 05/2015

Sport-related Concussion Overview for Parents of High School Students, Arrowhead High School Event, Hartland, WI, 06/2015

Scientific Advances in Sport-related Concussion, University of Wisconsin- Milwaukee Alumni Master Chat Series., Milwaukee, WI, 03/2017

Realizing the Neurobiopsychosocial Model of TBI, Brain Injury Research Day, Medical College of WI, Milwaukee, WI, 10/2017

Scientific Advances in Sport-Related Concussion, Sports Medicine Symposium at Medical College of Wisconsin, Milwaukee, WI, 05/2018

Gaps and Progress Toward Achieving a Precision Medicine Model in TBI, Medical College of Wisconsin Department of Neurosurgery Grand Rounds, Milwaukee, WI, 06/2018

Moderated discussion on brain trauma in sports, Marquette University, The Center for Urban Teaching Research and Outreach, Milwaukee, WI, 11/2018

Advances in Sport-Related Concussions, The Osher Lifelong Learning Institute, University of Wisconsin-

Milwaukee, Milwaukee, WI, 09/2019

Regional

- Neuropsychology of Schizophrenia, Northwestern University Medical School Psychiatry Residency Program, Chicago, IL, 05/1995
- Neuropsychological Comparison of Vascular Dementia and Alzheimer's Disease, Northwestern University Alzheimer's Day, Center for Behavioral and Cognitive Neurology and Alzheimer Program, Chicago, IL, 05/1996
- A Standardized Approach to Assessment of Concussion in Football Players: Project Sideline, Midwestern Neuropsychology Group Annual Meeting, Chicago, IL, 05/1996
- Use of Neuropsychological Testing in Schizophrenia, American Psychiatric Association Institute on Psychiatric Services, Chicago, IL, 10/1996
- Sideline Examination of the Concussion in Sports, American Orthopedic Society for Sports Medicine: Concussion in Sports Workshop, Chicago, IL, 05/1997
- Assessment of Concussion and Mild Traumatic Brain Injury in the Acute Phase, University of Chicago, Neuropsychology Service, Clinical Neuroscience Series, Chicago, IL, 05/1999
- Standardized Assessment of Concussion. Annual Multidisciplinary Brain Injury Course, Rehabilitation Institute of Chicago, Chicago, IL, 10/1999
- Neurocognitive functioning and brain activation in acute MTBI: A neuropsychological and functional MRI study, National Federation of State High School Associations, Sports Medicine Committee, Indianapolis, IN, 05/2001
- Acute Effects and Early Recovery from Sports Concussion: Implications for the Study of Mild Traumatic Brain Injury, Midwest Neuropsychology Group Annual Meeting, Chicago, IL, 05/2002
- Scientific Approaches to Diagnosis and Management of Sports Concussion, American Academy of Clinical Neuropsychology (AACN) Annual Meeting, Minneapolis, MN, 06/2003
- Mild Traumatic Brain Injury, National Athletic Trainers Association (NATA) Annual Workshop, Chicago, IL, 08/2003
- Neuropsychological Assessment of Sports-Related Concussion, National Athletic Trainers Association Annual Meeting, Indianapolis, IN, 06/2005
- M. Maturation of a Neuroscience Center in a Community-Based Hospital Setting. Adding, Updating and Expanding Neuroscience Centers of Excellence, Active Communications, Inc., Chicago, IL, 07/2007
- Developing a Neuroscience Center of Excellence in a Community Hospital, Active Communications, Inc, Chicago, IL, 05/2009
- Acute Effects and Recovery after Mild TBI: The New Evidence Base, Minneapolis Veterans Administration Medical Center Grand Rounds Satellite Broadcast, Minneapolis, MN, 06/2009
- Neuropsychology Assessment of Mild Traumatic Brain Injury, Minneapolis Veterans Administration Medical Center- Neuropsychology Service, Minneapolis, MN, 06/2009
- Mild Traumatic Brain Injury and Postconcussion Syndrome: The New Evidence Base for Diagnosis and Treatment, American Academy of Clinical Neuropsychology (AACN) Annual Conference, Chicago, IL, 06/2010
- Scientific Update on Mild Traumatic Brain Injury, Wisconsin Neurologic Society Annual Conference, Wisconsin Dells, WI, 10/2011
- Filed Assessment and Triage of mTBI: Lessons Learned from Gridiron to Battlefield., South Central Regional Trauma Conference, Madison, WI, 12/2011
- Neuropsychological Effects of mTBI, Marquette University, Milwaukee, WI, 01/2012
- Scientific Update on Mild Traumatic Brain Injury, University of Illinois-Chicago, Chicago, IL, 01/2012
- Advances in the Clinical Assessment of Sport-related Concussion, University of Wisconsin, Madison, WI, 02/2012
- Mild TBI and Postconcussion Syndrome: New Evidence Base for Diagnosis and Treatment, ExamWorks Inc., Pewaukee, WI, 04/2012
- Evidence Based Management of Sport-Related Concussion, Centegra Health System Concussion Meeting, McHenry, IL, 06/2012
- Current Trends & Research in Concussions, Wisconsin Athletic Trainers Association Annual Business Meeting, Wisconsin Dells, Wisconsin, 04/2013
- Scientific Advances on Acute Effects and Recovery, New Frontiers in the Assessment and Management of Sport-related Concussion, Milwaukee, WI, 07/2013
- Scientific Advances in Traumatic Brain Injury, Brain Injury Alliance of Wisconsin 26th Annual Wisconsin

Conference on Brain Injury, Wisconsin Dells, Wisconsin, 05/2014
Chronic Effects of Repetitive Concussion: Lessons Learned from Sports Concussion, Alzheimer's Disease
Annual Update 2014, Madison, WI, 11/2014
The Carthage Business and Professional Coalition, Kenosha, WI, 02/2015

National

Professional "Mentoring" of Doctoral Practicum Students: An Emerging Supervisory Paradigm: Doctoral
Student Perspective, Symposia at Centennial Convention of the American Psychological Association,
Washington, DC, 08/1992
Neuropsychological Assessment of Cardiac Transplant Candidates and Recipients, Vanderbilt University
Medical Center Transplant Program, Nashville, TN, 03/1994
The Role and Importance of Group Psychotherapy with Spinal Cord Injury Patients, Vanderbilt-Stallworth
Rehabilitation Center, Vanderbilt University Medical School, Nashville, TN, 04/1994
Impairment of Attention is a Prominent Feature of Subclinical Hepatic Encephalopathy, Meeting of the
American Gastroenterological Association, San Diego, CA, 06/1995
Use of the Standardized Assessment of Concussion (SAC) in the Immediate Sideline Examination of Football
Players, Sports Related Concussion and Nervous System Injury Conference, Orlando, FL, 03/1997
Standardized Assessment of Concussion: A Practical Neuropsychological Approach, The Brain Injury
Association's Concussion in Sports and Recreation Seminar, Charlotte, NC, 06/1997
Clinician's Workshop: Neuropsychological Sideline Mental Status Evaluation, The Brain Injury
Association's Concussion in Sports and Recreation Seminar, Charlotte, NC, 06/1997
Immediate Assessment of Concussion in Athletes, Sports Related Concussion and Nervous System Injury
Conference, Orlando, FL, 03/1998
Neuropsychological Assessment of Concussion in Athletes, Concussion in Youth Sports Conference
Sponsored by the Brain Injury Association of Nebraska, Lincoln, NE, 06/1998
Use of the Standardized Assessment of Concussion (SAC) in the Immediate Sideline Examination of
Athletes, Concussion in Youth Sports Conference Sponsored by the Brain Injury Association of
Nebraska, Lincoln, NE, 06/1998
Sideline Examination of the Concussed Athlete, Brain Injury Association of Oklahoma, Concussion in Sports
Conference, Tulsa, OK, 07/1998
Neuropsychological testing to detect and track concussion in athletes, Brain Injury Association of Oklahoma,
Concussion in Sports Conference, Tulsa, OK, 07/1998
Assessment of Concussion in Sports, Concussion in Sports Conference Sponsored by New Jersey Chapter of
the Committee on Trauma New Jersey Kiwanis Pediatric Trauma Center Foundation, New Brunswick,
NJ, 09/1998
A Brief Neurocognitive Profile Approach to the Differential Diagnosis of Vascular Dementia and
Alzheimer's Disease, International Neuropsychological Society (INS) annual convention, Boston,
MA, 02/1999
Sideline evaluation of the athlete following concussion, Sports Related Concussion and Nervous System
Injury Conference, Orlando, FL, 03/1999
Second Impact Syndrome: Risk and Prevention, Oklahoma Athletic Trainers' Association Annual
Conference, Tulsa, OK, 03/1999
Standardized assessment of the injured athlete following concussion, Mini-course at annual National Athletic
Trainers' Association (NATA) convention, Kansas City, MO, 06/1999
Standardized Assessment of Concussion in Athletes, Head Injury in Sports Conference. Nebraska Brain
Injury Association, Lincoln, NE, 06/1999
Comprehensive assessment of mild traumatic brain injury, Inaugural Lecture. University of North Carolina,
Department of Exercise and Sports Science, Chapel Hill, NC, 11/1999
Immediate neurocognitive effects and early course of recovery following concussion in athletes, Expert
Conference on Recovery from Mild Traumatic Brain Injury in Older Adults, Athens, GA, 03/2000
Methodological issues in neuropsychological assessment of traumatic brain injury in the elderly, Expert
Conference on Recovery from Mild Traumatic Brain Injury in Older Adults, Athens, GA, 03/2000
An update on the NCAA Concussion Study, Big XII Conference Medical Aspects of Sport Education
Symposium, Dallas, TX, 05/2001
Neuropsychological Testing in Sports Concussion, National Athletic Trainer's Association Annual
Conference, Los Angeles, CA, 06/2001
The Relationship Between Neurocognitive Functioning and Brain Activation Following Mild Traumatic

Brain Injury in Athletes: A Neuropsychological and Functional MRI Study, Research Grant Awards Luncheon. Annual Meeting of National Academy of Neuropsychology, San Francisco, CA, 10/2001

Acute Effects and Recovery After Mild Traumatic Brain Injury, Madona Rehabilitation Hospital, Lincoln, NE, 06/2002

Within task variability following concussion in high school athletes, Conference on New Developments in Sports-Related Concussion, Pittsburgh, PA, 06/2002

Anatomy of Concussion, University of Oklahoma Health Sciences Center. 4th Annual Sooner Sports Medicine Symposium, Oklahoma City, OK, 04/2003

Evolution of Neuropsychological Testing, University of Oklahoma Health Sciences Center. 4th Annual Sooner Sports Medicine Symposium, Oklahoma City, OK, 04/2003

Neuropsychological Testing Laboratory, 4th Annual University of Oklahoma Health Sciences Center. Sooner Sports Medicine Symposium, Oklahoma City, OK, 04/2003

Acute effects and recovery time following concussion in collegiate football players, National Athletic Trainers Association Annual Meeting, St. Louis, MO, 06/2003

Comprehensive assessment of concussion in high school and collegiate athletes, National Athletic Trainers Association Annual Meeting, St. Louis, MO, 06/2003

Cumulative consequences of recurrent concussion in collegiate football players, National Athletic Trainers Association Annual Meeting, St. Louis, MO, 06/2003

Clinical and Physiological Recovery after Traumatic Brain Injury, The Shepherd Center, Atlanta, GA, 10/2003

Sideline Evaluation of Concussion: Immediate Effects and Early Recovery, Neurotrauma and Sports Medicine Review, Phoenix, AZ, 01/2004

Measuring acute effects and early recovery after mild traumatic brain injury in athletes, International Neuropsychological Society (INS) annual meeting, St. Louis, MO, 02/2005

Scientific Approach to Sports Concussion, International Neuropsychological Society (INS) Annual Meeting, St. Louis, MO, 02/2005

Role of Neuropsychological Testing in Sports Concussion, Neurotrauma and Sports Medicine Review, Orlando, FL, 03/2005

NATA Position Statement: Management of Sport-related Concussion, Neurotrauma and Sports Medicine Review, Orlando, FL, 03/2005

Scientific Update on Mild Traumatic Brain Injury, American Academy of Clinical Neuropsychology (AACN) Annual Conference, Philadelphia, PA, 06/2006

Biomechanics and neurometabolic cascade after sport-related concussion, American Physical Therapy Association, Las Vegas, NV, 12/2006

Evolution and clinical application of neuropsychological testing in sport-related concussion, American Physical Therapy Association, Las Vegas, NV, 12/2006

Maturation of a Neuroscience Center in a Community-Based Hospital Setting. Adding, Updating and Expanding Neuroscience Centers of Excellence, Active Communications, Inc., Miami, FL, 01/2007

Maturation of a Neuroscience Center in a Community-Based Hospital Setting. Fourth Annual Summit on Building and Streamlining Neuroscience Centers of Excellence, Word Research Group, Inc, Scottsdale, AZ, 03/2007

Mild Traumatic Brain Injury and Postconcussion Syndrome: The New Evidence Base for Diagnosis and Treatment, Northern California Neuropsychology Forum, San Francisco, CA, 05/2007

Neuropsychology's Role in Evaluation and Management of Combat-Related TBI, Defense and Veterans Brain Injury Center Training Symposium, Baltimore, MD, 09/2007

Training Course on Clinical Assessment and Management of Mild Traumatic Brain Injury, Walter Reed Army Medical Center, Washington, DC, 12/2007

Assessment of Acute Mild Traumatic Brain Injury, Defense and Veterans Brain Injury Center Training Symposium, Washington, DC, 12/2008

New Evidence Base in Mild Traumatic Brain Injury, Contemporary Forums Brain Injury Forums, Las Vegas, NV, 03/2009

Indications and Use of the Military Acute Concussion Evaluation, Defense and Veterans Brain Injury Center (DVBIC) Military Training and Education Forum, Washington, DC, 08/2009

Mild Traumatic Brain Injury and Postconcussion Syndrome: The New Evidence Base for Diagnosis and Treatment, Colorado Neuropsychological Society, Denver, CO, 03/2010

Recovery & Outcome After Mild Traumatic Brain Injury (MTBI): Influence of Psychological Resilience, Keynote Address: U.S. Army Warrior Resiliency Program Forum, San Antonio, TX, 03/2010

Scientific Update on Acute Effects and Outcome Following Mild Traumatic Brain Injury, TBI Grand Rounds, Brooke Army Medical Center, San Antonio, TX, 05/2010

Neuropsychological Effects of Recurrent Mild Traumatic Brain Injury, Defense and Veterans Brain Injury Center (DVBIC) Annual Educational Forum, Washington, DC, 08/2010

Measuring Cognitive Functioning and Treatment Effects in Retired Athletes, Center for Study of Retired Athletes (CSRA) Annual Meeting, Chapel Hill, NC, 11/2010

Update on the Military Acute Concussion Evaluation (MACE) Validation Study, Defense and Veterans Brain Injury Center, Washington, DC, 01/2011

Scientific Update on Mild Traumatic Brain Injury and Postconcussion Syndrome, San Diego Psychological Association, San Diego, CA, 03/2011

From Gridiron to Battlefield: Scientific Update on Mild Traumatic Brain Injury, Defense and Veterans Brain Injury Center (DVBIC), Camp Pendleton Military Base, San Diego, CA, 03/2011

Scientific Advances in Mild Traumatic Brain Injury: A New Perspective on Assessment and Management, Boston VA Medical Center, Boston, MA, 05/2011

Neuropsychological Testing in Sport-Related Concussion: Once Piece of the Puzzle, College Athletic Trainers Society (CATS) Annual Meeting, Las Vegas, NV, 05/2011

Scientific Update on Mild Traumatic Brain Injury; New Evidence Base for Diagnosis, Assessment and Management, Tripler Army Medical Center, Honolulu, HI, 11/2011

An Independent, Prospective, Head to Head Study of the Reliability and Validity of Neurocognitive Test Batteries for the Assessment of Mild Traumatic Brain Injury, Walter Reed Army Institute for Research (WRAIR), Washington, DC, 01/2012

Assessing Neurocognitive Recovery after Sport-related Concussion, Big Sky Sports Medicine Conference, Big Sky, MT, 01/2012

Scientific Update on mTBI and Postconcussion Syndrome: New Evidence Base for Diagnosis and Treatment, 21st Annual Butters-Kaplan West Coast Neuropsychology Conference, San Diego, CA, 03/2012

Scientific Update on Mild Traumatic Brain Injury: Longitudinal Perspective on Acute and Chronic Effects, MRMC Grand Rounds, Baltimore, MD, 04/2012

Scientific Advances in Mild Traumatic Brain Injury: Lessons Learned from Sports Concussion Research, RIC TBI Conference, Chicago, IL, 05/2012

How Research on Student Athletes Drives Change in Concussion Management, Tostitos Fiesta Bowl, Phoenix, AZ, 05/2012

Acute Clinical and Physiological Effects of mTBI, New Frontiers in the Translational Science, Clinical Management, and Prevention of Traumatic Brain Injury, Milwaukee, WI, 05/2012

Framing the Debate: TBI and PTSD Paradigms for Successful Reintegration, DVBIC TBI Conference, National Harbor, MD, 08/2012

Scientific Update on Acute Effects and Early Recovery after Mild TBI, New York Neuropsychological Group Spring Conference, New York, NY, 03/2013

The Role of Neurocognitive Testing in Concussion Assessment: One Piece of a Complex Puzzle, AMSSM Sports Concussion Symposium, San Diego, California, 04/2013

Acute Evaluation and Postacute Management of Sports Concussion, Sports Neuropsychology Meeting, Minneapolis, MN, 05/2013

Scientific Update on Mild Traumatic Brain Injury: New Evidence for Diagnosis and Treatment, San Diego, CA, 10/2013

Cutting Edge Concussion Management, American Academy of Pediatrics Meeting, Orlando, FL, 10/2013

Update on Acute Effects and Early Recovery after Mild TBI: Lessons from Sports Concussion Research, International Neuropsychological Society Annual Conference, Seattle, WA, 02/2014

Scientific Update on Acute Effects and Recovery after Sport Related Concussion, Tenth World Congress on Brain Injury, San Francisco, CA, 03/2014

Advances in Clinical Research on Sport-Related Concussion, ACRP 2014 Global Conference and Exhibition, San Antonio, TX, 04/2014

Neuropsychological Management of Sport-Related Concussion: An Evidence-Based Approach., Sports Neuropsychology Society Annual Meeting and Symposium, Dallas, TX, 04/2014

Scientific Advances in Sport-related Concussion, American Academy of Neurology Annual Meeting, Philadelphia, Pennsylvania, 05/2014

Scientific Update on Mild Traumatic Brain Injury: New Evidence for Diagnosis and Management, ABPP 5th Annual Conference and Workshop, Chicago, Illinois, 05/2014

Scientific Update on Mild Traumatic Brain Injury (mTBI), American Academy of Clinical Neuropsychology,

New York, NY, 06/2014

Neurocognitive Testing for PCS, The Sports Concussion Conference- American Academy of Neurology, Chicago, IL, 07/2014

Scientific Update on Sport-related Concussion: What Does the Evidence Tell Us?, APA Convention, Washington, D.C., 08/2014

Concussion and Heading in Soccer, NCAA Soccer Summit Meeting, Indianapolis, IN, 02/2015

Future Directions in TBI Research: Realizing the Neurobiopsychosocial Model, 3rd Matthew Gfeller Neurotrauma Symposium, Chapel Hill, NC, 03/2015

An Update on Advances in Clinical Research on Sport-related Concussion, ACRP 2015 Global Conference, Salt Lake City, UT, 04/2015

The New Metabolic Cascade and Comprehensive Model of Concussion: Looking to Science to Drive Clinical Practice, National Academy of Neuropsychology Annual Meeting, Austin, TX, 11/2015

Post-concussive Syndrome CE Workshop, INS Annual Meeting, Boston, Massachusetts, 02/2016

2016 Safety in College Football Summit Meeting, Orlando, Florida, 02/2016

Implementing Evidenced-Based Screening and Interventions for Mild TBI in U.S. Emergency Departments, One Mind Summit, Crystal City, Virginia, 05/2016

Modern Advances in Mild Traumatic Brain Injury: From Basic Science to Clinical Translation, AACN Annual Conference, Chicago, Illinois, 06/2016

Neurobiopsychosocial Model of Concussion Recovery, AAN Sports Concussion Conference, Chicago, Illinois, 07/2016

Toward a Neurobiopsychosocial Model of mTBI: Contributions from the Sports Concussion Research Model, UCLA Grand Rounds, Los Angeles, California, 10/2016

Multidisciplinary Approach to Treatment, The National Institutes of Health Pediatric Concussion Workshop, Bethesda, Maryland, 10/2016

The National Institutes of Health Pediatric Concussion Workshop, Indiana University-Bloomington Colloquium Series, Bloomington, Indiana, 11/2016

Emerging Concepts in Sport-Related Concussion: Overview and Data from the Concussion Assessment, Research, and Education (CARE) Consortium., International Brain Injury Association's 12th World Congress on Brain Injury, New Orleans, Louisiana, 03/2017

Underreporting: Is it still a phenomenon? and NCAA-DOD Grand Alliance Advanced Research Core, University of North Carolina, Chapel Hill Fourth Matthew Gfeller Neurotrauma Symposium, Raleigh, North Carolina, 03/2017

Panel Member for Traumatic Brain Injury Update, 2017 Army Medical Symposium and Exposition, San Antonio, Texas, 07/2017

Neurobiological Effects and Recovery after Concussion: Emerging Evidence from the CARE Consortium, NIH Clinical Center Grand Rounds, Bethesda, Maryland, 09/2017

Scientific Advances in Sport-Related Concussion: Emerging Evidence from the CARE Consortium, Texas Institute for Brain Injury and Repair at UT Southwestern Medical Center, Dallas, Texas, 03/2018

Scientific Advances in TBI: Toward Realizing a Neurobiopsychosocial Model of Injury and Recovery, Minnesota Brain Injury Research Conference, Minneapolis, MN, 04/2018

Advanced Research Core, Second Annual NCAA-U.S. Department of Defense Grand Alliance Concussion Conference, West Point, NY, 04/2018

Neurobiological Effects of Sport-Related Concussion: Implications for Clinical Translation, Vanderbilt Sports Concussion Center: Sports-Related Concussion: An Update for Clinicians, Nashville, TN, 05/2018

Emerging Findings from the CARE Advanced Research Core (ARC)., American College of Sports Medicine Annual Meeting, 05/2018

Scientific Advances in the Natural History of Concussion: Emerging Evidence from the NCAA-DoD CARE Consortium, Fourth Federal Interagency Conference on TBI, Washington D.C., 06/2018

Findings from the CARE Consortium Clinical Study Core and Advanced Research Core, Big Ten Ivy League TBI Summit, Philadelphia, PA, 07/2018

NCAA-DoD CARE Consortium Advanced Research Core (ARC):Neurobiological Effects & Recovery, American Academy of Neurology (AAN) Sport-Related Concussion Conference, Indianapolis, IN, 07/2018

Neuropsychology's STEM: Ensuring Our Prominence in the Future of Science, Technology, Education and Medicine, APA Convention, San Francisco, CA, 08/2018

Knowledge Translation from Sideline to Battlefield: Findings from the Care Consortium and the Mind Matters Challenge, Deborah Warden Lectureship at DoD TBI National Provider Training Conference,

Fort Belvoir, VA, 09/2018
Prospective Study of Concussion Biomarkers: Emerging Evidence from the NCAA-DoD CARE Consortium.,
DoD State of the Science Meeting, Fort Detrick, MD, 11/2018
Scientific advances in sport-related concussion: emerging evidence from the NCAA-DoD CARE Consortium,
US Lacrosse Sports Science & Safety Committee Symposium, Philadelphia, PA, 01/2019
How pictures can change injury management: Neuroimaging/biomarker findings from the NCAA-DOD
Grand Alliance Consortium study, University of North Carolina Gfeller Neurotrauma Symposium,
Chapel Hill, NC, 03/2019
Neuroimaging and Blood Biomarkers of Sport-Related Concussion and Active Rehab and Return to Play
After Sport-Related Concussion, American Association of Neurological Surgeons Annual Meeting,
San Diego, CA, 04/2019
Scientific Advances in Sport-related Concussion: Pathway Toward Clinical Translation, University of
Michigan, School of Kinesiology, Ann Arbor, MI, 05/2019
Modern Advances in Precision Neurotrauma: Neuropsychology's Vital Role, American Psychological
Association Annual Meeting, Chicago, IL, 08/2019

International

A Short Neuropsychological Battery for the Diagnosis and Follow-up of Subclinical Hepatic Encephalopathy,
Ninth International Symposium on Ammonia: Advances in Hepatic Encephalopathy and Metabolism
in Liver Disease, Tyne, U.K., 08/1996
A Standardized Model for the Detection and Management of Mild Traumatic Brain Injury in the Hospital
Emergency Room and Other Acute Care Settings, 12th Annual Pacific Coast Brain Injury Conference
sponsored by the British Columbia Brain Injury Association, Vancouver, British Columbia, Canada,
10/1998
A Standardized Approach to the Detection and Diagnosis of Concussion in Athletes, Keynote address for the
12th Annual Pacific Coast Brain Injury Conference sponsored by the British Columbia Brain Injury
Association, Vancouver, British Columbia, Canada, 10/1998
Assessment and Management of Concussion, American Academy of Neurology (AAN) Annual Meeting,
Toronto, Canada, 04/1999
The role of assessment in management and prevention of sports concussion. University Medical Center of
Rotterdam, Rotterdam, Netherlands, 07/2000
vSport-related concussion: Quantifying the risks, 3rd Annual Congress on Mild Traumatic Brain Injury in
Sports, St. Moritz, Switzerland, 03/2007
Use of the Repeatable Battery for Assessment of Neuropsychological Status (RBANS) in for Evaluation of
Dementia, European Investigator Training Meeting – Pfizer, Inc, Munich, Germany, 07/2007
Administration and Scoring of the Repeatable Battery for Assessment of Neuropsychological Status,
European Investigator Training Meeting - Pfizer, Inc., Munich, Germany, 07/2007
Standardized Methods of Assessment After Sport-related Concussion, Concussion in Sport Group (CISG)
Consensus Conference, Zurich, Switzerland, 10/2008
Evidence-Based Management of Sports Related Concussion, International Neuropsychological Society (INS)
annual meeting, Acapulco, Mexico, 02/2010
Scientific Update on the Mild Traumatic Brain Injury and Postconcussion Syndrome, International Academy
of Applied Neuropsychology, London, England, 04/2011
Standardized Methods of Concussion Assessment, International Olympic Committee World Conference on
Prevention of Injury and Illness in Sport, Monte-Carlo, Monaco, 04/2011
Are the existing tools/exam sensitive and reliable enough on the day of injury to make or exclude a diagnosis
of concussion?, 4th International Conference on Concussion in Sport, Zurich, Switzerland, 10/2012
Neuropsychology's Contribution to our Understanding of Sport-related Concussion, and Concussion
Management: What can be done in Europe?, Advances in Sports Neuropsychology and Concussion
Management, Wurzburg, Germany, 02/2013
IOC World Conference Prevention of Injury & Illness in Sport, Monte Carlo, Monaco, 04/2014
Neurobiological effects and recovery after sport-related concussion, 11th World Congress on Brain Injury,
Amsterdam, Netherlands, 03/2016
Scientific Advances in Mild Traumatic Brain Injury: Lessons Learned from Sport Concussion Research, Cape
Town, South Africa, 07/2017
Emerging Science on Neurobiological Effects and Recovery from Sport-Related Concussion, Sports and
Exercise Medicine Structured Education Programme (SEMSEP), Dublin, Ireland, 11/2017

Imaging and Blood Biomarkers of Concussion: Emerging Evidence from the CARE Consortium,
International Initiative for Traumatic Brain Injury (TBI) Research, Bethesda, MD, 10/2019

MEDICAL COLLEGE TEACHING ACTIVITIES:

Community/Lay Public

2011 - Present Supervisor, Neuropsychology Division

EXTRAMURAL TEACHING:

Community/Lay Public

1992 - 1993 University of Wisconsin-Milwaukee, Psychology Clinic, Supervisor of Objective Psychological Assessment

1993 - 1994 Vanderbilt University Medical School, Department of Psychiatry, Division of Adult Neuropsychology/Psychology

1994 - 1996 Northwestern University Medical School, Department of Psychiatry, Division of Clinical Psychology/Neuropsychology

1996 - Present University of Wisconsin-Milwaukee, Doctoral Program in Clinical Psychology/Neuropsychology (Practicum Supervisor)

2001 - Present Chicago Medical School/Finch University of Health Sciences, Doctoral Program in Neuropsychology (Dissertation Committee Member)

PROGRAMMATIC DEVELOPMENTS:

Research Programs

2009 - 2011 Executive Director/Institutional Official, Research Institute, ProHealth Care, Inc.

2011 - Present Director, Brain Injury Research, Medical College of Wisconsin

2018 - Present Co-Director, Center for Neurotrauma Research (CNTR), Medical College of Wisconsin, Milwaukee, Wisconsin

Clinical Programs

2002 - 2011 Executive Director, Neuroscience Center, ProHealth Care, Inc.

Community Programs

1996 - 2009 Head of Neuropsychology Service, Waukesha Memorial Hospital

COMMUNITY SERVICE ACTIVITIES:

2000 - 2001 Gesu Parish RCIA Candidate Sponsor

2002 - 2009 Loras College National Alumni Board Member

2007 - 2009 Loras College National Alumni Board President

2007 - Present Christ King Parish Athletic Committee Vice Chair

2007 - Present Tosa Kickers Soccer Club Youth Soccer Coach

2007 Christ King Parish School Assistant Basketball Coach

2009 Tosa Basketball League (TBL) Basketball Coach

2012 - 2016 North Central Little League, Coach

2014 Stewardship Committee, Christ King Parish

2019 - 2020 St. Mary's Visitation School, Coach

CLINICAL RESEARCH TRIAL EXPERIENCE:

Co-Investigator - ENER-G Study, Multi-center, Open-label Study, to Evaluate the Effects of Natalizumab (Tysabri) Treatment on Fatigue and Cognition in Subjects with Relapsing Remitting Forms of Multiple Sclerosis. Stanya Smith, MD, Principal Investigator.

Co-Investigator - N01276, An International, Double-blind, Randomized, Multi-center, Parallel Group, Historical Control Conversion to Monotherapy Study to Evaluate the Efficacy and Safety of

- Brivaracetam in Subjects (> 16 to 75 years old) with Partial Onset Seizures with or without Secondary Generalization. Sean Jochims, MD, Principal Investigator.
- Co-Investigator - N01315, An Open-label, Multi-national, Multi-center, Follow-up Study to Evaluate the Long Term Safety and Efficacy of Brivaracetam, Used at a Flexible Dose up to a Maximum of 150 mg/day, in Subjects Aged 16 Years or Older Suffering from Epilepsy. Sean Jochims, MD, Principal Investigator.
- Co-Principal Investigator – H.P. Acthar? Gel Multiple Sclerosis Patient Experience Program. Sponsor: Questcor Pharmaceuticals, Inc. Stanya Smith, MD, Co-Principal Investigator.
- Co-Principal Investigator – An fMRI Study of Treatment Recommendations Comparing Patients Taking IFN-B-1A 44 MCG TIW SC (REBIF) to Healthy Controls in a Multicenter Study of Patients Recently Diagnosed with Relapsing Remitting Multiple Sclerosis Currently Naïve to Disease-modifying Therapy. Neuroagnostics, Inc. Stanya Smith, MD, Co-Principal Investigator.
- Co-Investigator - An international, multicenter large simple trial (LST) to compare the cardiovascular safety of ziprasidone and olanzapine. Sponsor: Pfizer, Inc. Michael Raster, MD, Principal Investigator.

BIBLIOGRAPHY

Refereed Journal Publications/Original Papers

1. McCrea M., Cordoba J., Vessey G., Blei A., Randolph C.: Neuropsychological characterization and detection of subclinical hepatic encephalopathy. *Archives of Neurology* 53:758-763, 1996.
2. McCrea M., Kelly J., Kluge J., Ackley B., Randolph C.: Standardized assessment of concussion in football players. *Neurology* 48:585-587, 1997.
3. McCrea M., Kelly J., Randolph C., Kluge J., Bartolic E., Finn G., Baxter B.: Standardized Assessment of Concussion (SAC): On-site mental status evaluation of the athlete. *Journal of Head Trauma Rehabilitation* 13(2):27-35, 1998.
4. Lovell M., Barth J., Bartolic E., Echemendia R., Franzen M., Heilbronner R., Kay T., Koffler S., Kutner K., McCrea M., Parker E.: Recommendations for the use of neuropsychological assessment procedures in sports. National Academy of Neuropsychology (NAN) Position Statement of Assessment of Sport-related Concussion, 1998.
5. Wojtis E., Hovda D., Landry G., Boland A., Lovell M., McCrea M., Minkoff J.: Current Concepts: Concussion in Sports. *American Journal of Sports Medicine* 27:676-687, 1999.
6. Ferrara M., McCrea M., Peterson C., Guskiewicz K.: A survey of practice patterns in concussion assessment and management. *Journal of Athletic Training* 36:145-149, 2001.
7. McCrea M. : Standardized mental status testing of acute concussion. *Clinical Journal of Sports Medicine* 11:176-181, 2001.
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