

# TAMARA C. VALOVICH McLEOD, PhD, ATC, FNATA

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Department of Interdisciplinary Health Sciences  
Arizona School of Health Sciences  
A.T. Still University  
5850 E. Still Circle  
Mesa, AZ 85206  
(480) 219-6035  
(480) 219-6100 (fax)  
[tmcleod@atsu.edu](mailto:tmcleod@atsu.edu)

## **EDUCATION**

**DOCTOR OF PHILOSOPHY, Education - Sports Medicine**, August 2002

**University of Virginia**, Charlottesville, Virginia

*Dissertation: The use of the Standardized Assessment of Concussion and Balance Error Scoring System and learning effects in youth sports participants.*

**MASTER OF SCIENCE, Kinesiology**, August 1998

**University of Colorado**, Boulder, Colorado

*Thesis: Alterations in the blood pressure response to an acute resistance exercise task.*

**BACHELOR OF SCIENCE, Sports Medicine**, May 1996

**Mercyhurst College**, Erie, Pennsylvania

CAAHEP Approved Curriculum

## **CURRENT ACADEMIC APPOINTMENTS**

**JOHN P. WOOD, D.O., ENDOWED CHAIR FOR SPORTS MEDICINE**

Athletic Training Program

A.T. Still University

**ASSOCIATE PROFESSOR**, Athletic Training Program

Tenure Granted in July 2009

Department of Interdisciplinary Health Sciences

Arizona School of Health Sciences

A.T. Still University

## **PROFESSIONAL EXPERIENCE**

**ASSOCIATE PROFESSOR**

**Athletic Training**, Arizona School of Health Sciences, A.T. Still University, Mesa, Arizona,  
July 2007-present.

- ◆ Associate professor in the Department of Interdisciplinary Health Sciences and Athletic Training Program, an NATA accredited graduate athletic training education program

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- ◆ Course Professor for AT 5070: Sport-Related Concussion, AT 5110: Evidence-Based Practice, AT 5220: Orthopaedic Physical Examination and Diagnosis of the Lower Extremity, AT 5470: Thesis I, AT 6230: Pediatric Athletic Healthcare, AT 6470: Thesis II
- ◆ Course Professor for formerly taught courses: AT 517: Introduction to Evidence Based Athletic Training, AT 521: Pathomechanics and Assessment of the Lower Extremity, AT 527: Critical Review of the Literature, AT 537: Proposal and Grant Writing, AT 617: Data Entry and Analysis, AT 627: Dissemination of Research, and AT 536: Biomechanical Applications to Sports Health Care Research, and AT 634: Special Sports Populations

### **DIRECTOR, INTERDISCIPLINARY RESEARCH LABORATORY**

**Arizona School of Health Sciences**, A.T. Still University, Mesa, Arizona, July 2005-present

- ◆ Responsible for the daily maintenance of equipment, training faculty and students on equipment use for a 1,600 square foot Interdisciplinary Research Lab (IRL)
- ◆ Responsible for the annual IRL budget

### **ADJUNCT ASSOCIATE PROFESSOR**

**Doctor of Health Sciences Program**, Arizona School of Health Sciences, A.T. Still University, Mesa, Arizona, August 2007- July 2011

- ◆ Adjunct associate professor in the Doctor of Health Science Program, Department of Interdisciplinary Health Sciences, A.T. Still University
- ◆ Course Professor for Evidence Based Practice online course

### **ADJUNCT ASSOCIATE PROFESSOR**

**Human Movement Program**, Arizona School of Health Sciences, A.T. Still University, Mesa, Arizona, October 2006-July 2008

- ◆ Adjunct associate professor in the Human Movement Program, Department of Interdisciplinary Health Sciences, A.T. Still University
- ◆ Course Professor for Evidence Based Practice online course

### **ASSISTANT PROFESSOR**

**Athletic Training** (formerly Sports Health Care), Arizona School of Health Sciences, A.T. Still University, Mesa, Arizona, July 2002-June 2007

- ◆ Assistant professor in the Department of Interdisciplinary Health Sciences and Athletic Training Program, an NATA accredited graduate athletic training education program
- ◆ Former course professor for the following courses: AT 517 Introduction to Evidence Based Athletic Training, AT 521: Pathomechanics and Assessment of the Lower Extremity, AT 527: Critical Review of the Literature, AT 537: Proposal and Grant Writing, AT 617: Data Entry and Analysis, AT 627: Dissemination of Research, APA 652: Sports Related Injuries of the Lower Extremities, and AT 536: Biomechanical Applications to Sports Health Care Research, and AT 634: Special Sports Populations (courses no longer taught)

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## **DIRECTOR OF RESEARCH AND EDUCATION**

**Dwight Patterson Sports Academy**, Mesa, Arizona, January 2003-May 2007

- ◆ Provide research and education leadership to a community based non-profit association with the mission of enhancing the quality of America's youth sports through by promoting health, safety, and wellness through education and research for the benefit of coaches, parents, and athletes
- ◆ Director for the development of the youth sports coaches safety curriculum

## **INSTRUCTOR**

**University of Virginia**, Charlottesville, Virginia, August 1999-May 2002

- ◆ Instructor in the Department of Kinesiology for undergraduate sports medicine classes; EDHS 589: Advanced Athletic Training (assessment of athletic injuries), EDHS 544: Athletic Injuries, and EDHS 544: Athletic Injuries Lab
- ◆ Co-Instructor for the graduate athletic training education program course, EDHS 750: Practicum in Athletic Training and undergraduate course, EDHS 552: Emergency Medical Care
- ◆ Aided in the instruction of the following graduate level courses: EDHS 899: Research in Athletic Training and EDHS 750: Practicum in Athletic Training

## **HEAD ATHLETIC TRAINER**

**Blue Ridge School**, St. George, Virginia, August 1999-May 2001

- ◆ Prevention, care, and treatment of athletic injuries for 12 varsity sports at an all-male preparatory school
- ◆ Administration of budget and inventory for athletic training room

## **ATHLETIC TRAINING FELLOW**

**HealthSouth/New Hampshire Musculoskeletal Institute**, Manchester, New Hampshire, July 1998-June 1999

- ◆ Athletic training fellowship which included work in an outpatient orthopedic rehabilitation setting, athletic training coverage for the Safe Sports Network, three local high schools, and the New Hampshire Phantoms, a Division III semi-professional soccer team
- ◆ Research assistant for the biomechanics laboratory at the University of New Hampshire
- ◆ Participated in allied health rotations including, orthopedics, surgery, ophthalmology, emergency medicine, ambulance, radiology, fitness, podiatry, chiropractic, exercise physiology, and internal medicine

## **SCHOLARSHIP**

### **GRANTS FUNDED**

**An evaluation of muscle activation and balance in individuals with chronic low back pain, sacroiliac joint dysfunction, and controls.** Co-investigator. (% FTE) Principal Investigator: Jeremy Houser, PhD. American Osteopathic Association Foundation. Direct costs: \$50,000.

**The Comparative Effectiveness of EMR System and Access Improvements, and Performance Feedback Reporting on EMR Utilization within the Secondary School Athletic Training Practice-Based Research Network (SSAT-PBRN).** Co-investigator (5% FTE). Principal Investigators: Kellie Huxel, PhD, ATC & John T. Parsons, PhD, ATC. ATSU Strategic Research Funds. Submitted April 2010; Direct costs: \$40,399.

**Evidence Based Education for Athletic Training**

Consultant (Project Manager: Bonnie Van Lunen, PhD, ATC). National Athletic Trainers' Association. May 2010-January 2011.

Total Costs: \$24,569

This project aims to develop progressive EBP concept online modules specifically for athletic training and to design, promote, and maintain a central resource mechanism for EBP information.

**The effect of sport-related concussion on cognition, balance, symptoms and health-related quality of life in adolescent athletes.**

Principal Investigator (15% FTE). National Operating Committee on Standards for Athletic Equipment (NOCSAE). February 2010-June 2012.

Total Costs: \$102,153

This project aims to: 1) assess the immediate and prolonged effects of concussion on HRQOL in adolescent athletes., 2) assess the relationship between the measures of impairment (cognition, balance and symptoms) and disability (HRQOL), 3) compare the effect of sport-related concussion and musculoskeletal injury on HRQOL in adolescent athletes within the first 10 days post-injury and 4) collect "sport concussion impact" narratives from adolescents with sport-related concussion, identify the meanings they attribute to that concussion, and qualitatively determine the affects of concussion on their HRQOL.

**Interactive Program to Manage and Prevent Sports Concussion.**

Consultant. (Principal Investigator: Ann Glang, PhD, Oregon Center for Applied Science). Phase II grant: 1R43HD056610-01. National Institute of Child Health and Human Development. November 2009

The purpose of this project is to develop an interactive online program to educate coaches, parents, and athletes about proper recognition, management, and prevention of sport-related concussion.

**"National Sports Safety in Secondary Schools Benchmark™ (N4SB)"**

Project Director. National Athletic Trainers' Association (Commissioned study)

Direct Costs: \$6,000

The N4SB is a pilot benchmark study that will assess on a state-by-state basis the national market penetration of athletic trainers in public and secondary schools in order to gauge access to athletic training services. The study aims to determine how many schools have either full-time, part-time or outreach athletic trainers and what that access entails.

**Differences in Scapular Muscle Activation and Ratios During Early Phase Rehabilitation Exercises.**

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Faculty Co-Advisor (PI: Sarah Cayton, ATC) NATA Foundation Osternig Masters Grant Program. June 2009.

Direct Costs: \$1,000

The purposes of this study are to determine the amount of activation and muscle ratios in the scapular muscles during five early stage rehabilitation exercises in a patient population. The results will provide clinically useful information regarding activation of muscles relative to one another to determine whether the selected exercises should be utilized to improve the function of the scapula and GH joint

### **The Effects of Headache on Health-Related Quality of Life in Following Sport-Related Concussion.**

Principal Investigator (15% effort). National Headache Foundation. March 2009.

Direct Costs Requested: \$23,404

Direct Costs Funded: \$10,000

The goal of this project is to assess the headache-related quality of life and to collect “sport injury impact” narratives from adolescents with sport-related concussion, identify the meanings they attribute to that concussion, and qualitatively determine the effects of concussion and headache on their HRQOL.

### **The Clinical Outcomes Research Education for Athletic Trainers (CORE-AT) Program: Training Clinical Researchers for Evidenced-Based Practice.**

Co-Principal Project Director (10% effort). National Athletic Trainers’ Association Research and Education Foundation. April 2008. (Co-Principal Project Director: Alison R. Snyder, PhD, ATC)

Direct Costs: \$107,013.

The goal of the Clinical Outcomes Research Education for Athletic Trainers (CORE-AT) Project is to educate and train post-professional athletic training students to utilize technology for the collection of healthcare outcomes data in order to practice in an evidence-based manner.

### **The Impact of Whole-body Vibration on Static and Dynamic Balance in Older Adults With and Without Vestibular Dysfunction.**

Co-investigator (5% effort). Bertec Corporation Equipment Loan Competition. November 2007. Funding is for use of a BalanceCheck™ system for a one-year period. (Principal Investigator: Jeffrey L. Alexander, PhD)

The overarching purpose of this project is to determine the impact of whole body vibration on balance in adults. Specific aims are to understand the acute effects of WBV training on the static and dynamic balance of older adults and whether these effects differ between older adults with and without vestibular disorders.

### **“Heads Up! The Usage of Digital Diagnosis Tools for Sideline Concussion Assessment in the Youth Athlete.**

Principal Investigator (10% effort) Catholic Healthcare West, February 2007-February 2008, Direct costs: \$14,330

The overarching purpose of this project is to establish and maintain a safe sporting environment for Phoenix youth, with a primary focus upon injury prevention. Specific goals are to introduce and implement the digital diagnosis tools to improve the recognition and reporting of sports concussion episodes and to train and assist the

participating personnel with recording, reporting and tracking, the baseline and post-injury measurements of the youth athletes who have sustained a sports concussion.

**Health Related Quality of Life in Adolescents with Sport-Related Musculoskeletal Injury.**

Co-Principal Investigator (10% effort) A.T. Still University Strategic Research Initiative, July 2006-June 2007, Direct costs: \$24,214 + 2 year post-doctoral fellow @ \$36,000 per year. (Co-Principal Investigator: Alison R. Snyder, PhD, ATC)

The broad, long-term objective of this research is to identify patient-oriented evidence for improving adolescent health-related quality of life, identify the impact of sport-related musculoskeletal injury on adolescent health-related quality of life, and promote lifelong physical activity for adolescents to maximize health-related quality of life.

**The Effect of Two a Day Practices on Cognitive Function in Collegiate Athletes.**

Faculty Advisor (2% effort) National Athletic Trainers' Association Research and Education Foundation Osternig Master's Grant Program, July 2006-July 2007, Direct costs: \$810 (Principal Investigator: Katie M. Strasser, ATC)

This project is intended to determine if cognitive deficits exist following multiple subconcussive blows in collegiate football players aiding in the explanation of cumulative effects of concussion.

**A Case Study Series of the Effects of Constraint-Induced Movement Therapy in Children With Hemiplegia**

Co-investigator (5% effort) Warner / Fermaturo and KCOM Board of Trustees, July 2005-2007, Direct costs: \$3,966.95 (Principal Investigator: Rachel Diamant, MS, OT)

The purpose of this investigation is to measure changes in muscle activation patterns and changes in functional abilities as a result of constraint-induced movement therapy (CIMT) in children with hemiplegia. The results of this study will provide clinicians with important information regarding the effects of CIMT in children, supporting the use of evidence-based interventions in physical and occupational therapy.

**Implementation, Evaluation, and Refinement of the Dwight Patterson Sports Academy P.L.A.Y.S. Curriculum to Promote Health, Safety, and Wellness in America's Youth Sports.**

Project Manager (10% effort) Mesa HoHoKam Foundation, July 2004-July 2005, Direct costs: \$15,000

The purpose of this project was to implement, evaluate, and refine the Dwight Patterson Sports Academy P.L.A.Y.S. Curriculum for youth sports coaches and parents in an effort to promote health, safety, and wellness in America's youth sports. The intention of the Academy is to design and develop a comprehensive and readily accessible educational program for youth sports coaches and parents.

**Arizona School of Health Sciences Youth Sports Coaches' Concussion Survey and Educational Program.**

Principal Investigator (2.5% effort) Phoenix Coyotes Charities, September 2003-2004, Direct costs: \$985

The specific aims of this project were to 1) determine the knowledge level of Arizona youth sports coaches regarding the recognition and management of sports-related concussions, 2) determine the first aid and medical background of Arizona youth sports coaches, and 3) create and implement an educational program to inform Arizona youth sports coaches about the recognition, management, and prevention of sports-related concussions in young athletes.

**Gender Differences in Neuromuscular Response Characteristics Between Prepubescent Boys and Girls Following a Perturbation at the Knee.**

Principal Investigator (15% effort) Warner / Fermaturo and KCOM Board of Trustees, July 2003-2006, Direct costs: \$3,985

This funding was used to collect pilot data on the neuromuscular response characteristics in prepubescent boys and girls following a perturbation at the knee. Data collected from this study will serve as pilot data for future grant proposals.

**Design and Development of the Dwight Patterson Sports Academy P.L.A.Y.S. Curriculum to Promote Health, Safety, and Wellness in America's Youth Sports.**

Project Manager (10% effort) Mesa HoHoKam Foundation, July 2003-2004, Direct Costs: \$20,000

The purpose of this project was to design and develop the Dwight Patterson Sports Academy P.L.A.Y.S. Curriculum for youth sports coaches and parents in an effort to promote health, safety, and wellness in America's youth sports. The intention of the Academy is to design and develop a comprehensive and readily accessible educational program for youth sports coaches and parents.

**Learning Effects with the Standardized Assessment of Concussion and Balance Error Scoring System in Youth Sports Participants.**

Principal Investigator (80% effort) Curry School of Education Dissertation Mini-Grant Program, November 2001- 2002, Direct Costs: \$300

The goal of this study was to determine the learning curves associated with a clinical cognitive test and a clinical balance assessment in young athletes. These clinical tests are frequently utilized for the assessment of sports-related mild head injuries. This funding was be used to support one aspect of the principal investigator's doctoral dissertation.

**Prospective Investigation of Mild Head Injury in Sport; A Prevention Initiative.**

Research Associate (5%) National Operating Committee for Standards of Athletic Equipment (NOCSAE) and Centers for Disease Control and Prevention, January 2000-June 2002, Direct Costs: \$484,912 (Principal Investigator: Kevin M. Guskiewicz, PhD, ATC)

The major goal of this study was to examine and compare several methods of assessing concussion in high school athletes in order to establish objective criteria by which mild head injured athletes can be safely returned to competitive sports following injury.

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### **National High School Association Sports Medicine Handbook**

Research Assistant (15% effort) National Federation of State High School Associations, August 1999-May 2000, Direct costs: \$25,500 (Principal Investigator: Sandra J. Shultz, PhD, ATC)

This project focused on the development of a National Association Sports Medicine Handbook, on a variety of current sports medicine issues, for utilization by coaches, administrators, and health care personnel at the high school level.

### **Special Opportunity Grant for Female Doctoral Students**

Canada Student Loans Program, 1999-2000, 2000-2001, & 2001-2002 (\$6300 Cdn.)

The purpose of this funding was to help support female students pursuing a doctorate in the field of education.

### **Dean's Small Grant**

University of Colorado, 1997 (\$390)

The purpose of this funding was to support a Master's thesis entitled, "Alterations in the blood pressure response to an acute resistance exercise task."

### **GRANTS SUBMITTED (IN REVIEW)**

#### **The Comparative Impact of Concussion and Musculoskeletal Sport-Related Injuries in Adolescent Athletes on Patient-Oriented Clinical Outcome Measures.**

Co-investigator. Pre-proposal submitted to the NATA Foundation Outcomes Fund. December 2010.

#### **ATSU Concussion Program.**

Project Director (5% FTE). Fiesta Bowl Grants.  
Direct Costs: \$25,000

#### **ATSU Pediatric Concussion Program**

Project Director (5% FTE). Mesa HoHoKam Foundation  
Direct Costs: \$7,250

### **GRANTS SUBMITTED (NOT FUNDED)**

A prospective study of dual task rehabilitation interventions for treating individuals with mild traumatic brain injury. Co-investigator (10% FTE). DOD FY 2010 PH/TBW Cognitive Rehabilitation for TBI Clinical Trial Award. (Principal Investigator: Kevin M. Guskiewicz, PhD, ATC) Direct Costs: \$1,999,998      Total Costs: \$2,899,000

Technology Facilitated Learning of Whole Person Healthcare in Athletic Training. Women's Wellness Program Award. \$10,000. March 2011.

NATA Injury Surveillance and Outcomes Project. Co-Principal Investigator (20% FTE). NATA. Total Costs: \$374,851. Submitted April 2010.

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Health-Related Quality of Life Outcomes Following Sport-Related Injuries in Adolescent Athletes and the Associated Practice Characteristics and Estimated Costs of Care of Secondary School Athletic Training Rehabilitation Services. Co-Principal Investigator (25% FTE). NATA Research and Education Foundation. Total Costs: \$473,000. Submitted August 2009.

Pediatric Sport-Related Concussion and Health-Related Quality of Life: A Prospective Investigation. Principal Investigator (20% FTE). NFL Charities. \$108,680. Submitted May 2009.

A.T. Still University Pediatric Sport Concussion Program. Principal Investigator (3% FTE). Mesa HoHoKam Foundation. \$9,633. Submitted June 2009.

Injury Surveillance and Clinical Outcomes Research Enhancement Project (iSCORE). Co-Principal Investigator (20% FTE). NATA Outcomes Advisory Panel. Total Costs: \$375,000. Submitted April 2009.

An Assessment of High School Athletes' and Coaches' Knowledge, Attitudes, and Behaviors Concerning Sports-Related Concussion. (Consultant, Principal Investigator: Kevin M. Guskiewicz, PhD, ATC, FNATA) NATA Research and Education Foundation. August 2008. Total Cost: \$88,591.02.

Health-Related Quality of Life Following Pediatric Sport-Related Concussion. Principal Investigator. (Principal Investigator, 50% effort) National Institutes of Health Loan Repayment Program for Pediatric Research. December 2007. Loan Repayment Costs: \$18,500.

The Impact of Whole-body Vibration on Static and Dynamic Balance in Older Adults With and Without Vestibular Dysfunction. Co-investigator (Co-investigator, 5% effort). ATSU Strategic Research Funds. April 2008. \$18,400. [Invited to resubmit]

A prospective investigation of impairment and disability following concussion in pediatric athletes. Principal Investigator (20% effort) National Athletic Trainers' Association Foundation, February 2007. Direct and Indirect Costs: \$109,672.

The Effects of the Menstrual Cycle on Balance, Coordination, and Ligamentous Laxity. Faculty Co-Advisor. NATA Foundation, Osternig Master's Grant Program, January 2007-January 2008, Direct costs: \$991.90. (PI: Christy Hawley, ATC)

The Effect of Sport-Specific Exercise on Anterior Knee Laxity and Stiffness. Faculty Advisor NATA Foundation, Osternig Master's Grant Program, January 2007-January 2008, Direct costs: \$530.00. (PI: Matt Havranek, ATC)

A prospective investigation of concussion education, assessment, and outcomes in a pediatric athletic population. National Operating Committee for Standards on Athletic Equipment (NOCSAE), February 2006-2008, Direct and Indirect Costs: \$59,950

High School Female Athlete Knee Injury Prevention and Performance Enhancement Program. Phoenix Suns Charities. August 2005. Direct Costs: \$9,103

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Evaluation of the DPSA PLAYS Coaching Curriculum. Finish Line Youth Foundation. May 2005. Direct Costs: \$5,000.

Development and Evaluation of a Hand-Held Computer Program for the Sideline Assessment of Sports-Related Concussions. Coyotes Charities. July 2004. Direct Costs: \$1,800

Equipment Grant for the High School Female Athlete Knee Injury Prevention and Performance Enhancement Program. Gatorade – Women’s Sports Foundation Equipped 2 Play. July 2003. Direct Costs: \$914.95

Implementation of the High School Female Athlete Knee Injury Prevention and Performance Enhancement Program in the East Valley. HoHoKam Foundation. July 2003. Direct Costs: \$9,366

A Survey of the Knowledge Base of Arizona Youth Sports Coaches Concerning Injury Prevention and Management. Cardinals Charities. September 2003. Direct Costs: \$665

### REFEREED JOURNAL PUBLICATIONS

Guskiewicz KM, Valovich McLeod TC. Pediatric Sport-Related Concussion. *Physical Medicine and Rehabilitation*. 2011;3(4):353-64.

Valovich McLeod TC, Decoster LC, Loud KJ, Micheli LJ, Parker JT, Sandrey MA, White C. National Athletic Trainers’ Association Position Statement: Prevention of Pediatric Overuse Injuries. *Journal of Athletic Training*. 2011;46(2):206-220.

Piebes SK, Snyder AR, Bay RC, Valovich McLeod TC. Psychometric Properties of the Headache Impact Test and Pediatric Migraine Disability Assessment for Measuring the Impact of Headache on Health-Related Quality of Life in Athletes. *Journal of Sport Rehabilitation*. 2011;20:129-142.

Valovich McLeod TC, Register-Mihalik JK. Clinical assessment of health-related quality of life following sport concussion. *Journal of Sport Rehabilitation*. 2011;20:46-60.

Valovich McLeod TC, Bay RC, Snyder AR. Self-reported concussion history affects health-related quality of life in adolescent athletes. *Athletic Training and Sports Health Care*. 2010;2(5):219-226.

Snyder AR, Martinez JC, Bay RC, Parsons JT, Sauers EL, Valovich McLeod TC. Health-related quality of life differs between adolescent athletes and non-athletes. *Journal of Sport Rehabilitation*. 2010; 19(3): 237-248.

Gourley MM, Bay RC, Valovich McLeod TC. Awareness and Recognition of Concussion by Youth Athletes and Parents. *Athletic Training and Sports Health Care*. 2010;2(5):208-218.

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Tanabe T, Snyder AR, Bay RC, Valovich McLeod TC. Representative Values of Health-Related Quality of Life Among Female and Male Adolescent Athletes and the Impact of Gender. *Athletic Training and Sports Health Care*. 2010;2(3):106-112.

Kuehl MD, Snyder AR, Erickson SE, Valovich McLeod TC. Impact of Prior Concussions on Health-Related Quality of Life in Collegiate Athletes. *Clinical Journal of Sport Medicine*. 2010;20(2):86-91.

Valovich McLeod TC, Gioia GA. Cognitive Rest: The Often Neglected Aspect of Concussion Management. *Athletic Therapy Today*. 2010;15(2):1-3.

Valovich McLeod TC, Armstrong TA, Miller M, Sauers JL. Balance Improvements in Female High School Basketball Players Following an 6-week Pre-Season Neuromuscular Training Program. *Journal of Sport Rehabilitation*. 2009;18(4):465-481.

Valovich McLeod TC. The Effectiveness of Various Assessment Techniques in Detecting the Effects of Concussion on Cognition, Postural Control, and Symptoms. *Journal of Athletic Training*. 2009;44(6):663-665

Valovich McLeod TC, Bay RC, Parsons JT, Sauers EL, Snyder AR. Health-Related Quality of Life is Affected by Recent Injury in Adolescent Athletes. *Journal of Athletic Training*. 2009;44(6):603-610.

*Nominee for the 2010 Kenneth Knight Outstanding Research Manuscript Award.*

Register-Mihalik JK, Guskiewicz KM, Valovich McLeod TC, Mann JD. Headache-related Disability Reported by Collegiate Athletes. *Athletic Training and Sports Health Care*. 2009;1(5):227-233.

Piebes SK, Gourley MM, Valovich McLeod TC. Caring for Student-Athletes Following a Concussion. *Journal of School Nursing*. 2009; 25(4):270-281.

Dirks RP, Valovich McLeod TC. Sport-Related Mild Traumatic Brain Injury, Management and Return-to-Play Decision-Making in the Primary Care Setting. *Clinician Reviews*. 2008;18(9): 18-23.

Almquist JL, Valovich McLeod TC, Cavanna A, Jenkinson D, Lincoln AE, Loud K, Peterson BC, Portwood C, Reynolds J, Woods T. Summary Statement: Appropriate Medical Coverage for Secondary School-Aged Athletes. *Journal of Athletic Training*. 2008;43(4):417-428.

*Second runner up for the 2008 Journal of Athletic Training's Clint Thompson Award for Clinical Advancement.*

Snyder AR, Parsons JT, Valovich McLeod TC, Bay RC, Michener LA, Sauers EL. Utilizing disablement models and clinical outcomes assessment to enable evidence-based athletic training practice: Part I – Disablement Models. *Journal of Athletic Training*. 2008;43(4):429-437.

*Winner of the 2008 Journal of Athletic Training's Clint Thompson Award for Clinical Advancement.*

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Valovich McLeod TC, Snyder AR, Parsons JT, Bay RC, Michener LA, Sauers EL. Utilizing disablement models and clinical outcomes assessment to enable evidence-based athletic training practice: Part II – Clinical Outcomes Assessment. *Journal of Athletic Training*. 2008;43(4):438-446.

*Second runner up for the 2008 Journal of Athletic Training's Clint Thompson Award for Clinical Advancement.*

Parsons JT, Valovich McLeod TC, Snyder AR, Sauers EL. Change is Hard: Adopting A Disablement Model for Athletic Training? [Commentary] *Journal of Athletic Training*. 2008;43(4):447-449.

Valovich McLeod TC. The Effectiveness of Balance Training Programs on the Incidence of Ankle Sprains in Adolescent Athletes. [Critically Appraised Topic]. *Journal of Sport Rehabilitation*. 2008;17:317-324.

Valovich McLeod TC, McGaugh JW, Boquiren ML, Bay RC. Youth sports coaches do not have adequate knowledge regarding first-aid and injury prevention. *Applied Research in Coaching and Athletics Annual*. 2008;23:130-146.

Valovich McLeod TC, Bay RC, Heil J, McVeigh SD. Identification of Sport and Recreational Activity Concussion History Through the Pre-Participation Screening and a Symptom Survey in Young Athletes. *Clinical Journal of Sport Medicine*. 2008;18(3):235-240.

Mailer BJ, Valovich McLeod TC, Bay RC. Healthy Youth are Reliable in Reporting Symptoms on a Graded Symptom Scale. *Journal of Sport Rehabilitation*. 2008;17:11-20.

Snyder AR, Valovich McLeod TC. Selecting patient-based outcome measures. *Athletic Therapy Today*. 2007;12(6):12-15.

Tweed EM, Sauers EL, Valovich McLeod TC. Evidence based practice in athletic training. (Section of: Review of Evidence Based Practice in Nursing and Allied Health Professions, Ed: Kronenfeld M, Stephenson P, Nail-Chiwetalu B.) *Journal of the Medical Librarians Association*. 2007;95(4) :394-407.

Snyder AR, Valovich McLeod TC, Sauers EL. Defining, Valuing, and Teaching Clinical Outcomes Assessment in Professional and Post-Professional Athletic Training Education Programs. *Athletic Training Education Journal*. 2007;2(Apr-Jun):1-11.

Martineau C, Kingma JJ, Bank L, Valovich McLeod TC. Sport-Related Concussion Management for the Physician Assistant. *Journal of the American Academy of Physician Assistants*. 2007;20(5):22-27.

*\*American Academy of Physician Assistants PARagon Publishing Awards Nominee*

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Medina JM, Valovich McLeod TC, Kingma JJ, Howell SK. Neuromuscular preactivity of the quadriceps and hamstrings prior to landing in high school male athletes, female athletes, and female non-athletes. *Journal of Electromyography and Kinesiology*. 2008;18:591-597.

Valovich McLeod TC, Schwartz CD, Bay RC. Sport-related concussion misunderstandings among youth coaches. *Clinical Journal of Sport Medicine*. 2007;17(2):140-142.

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

Tommasone BA, Valovich McLeod TC. Concussion incidence in contact sports. Evidence based practice article. *Journal of Athletic Training*. 2006; 41(4): 470-472.

Snyder AR, Hartman A, Valovich McLeod TC. The Impact of Stretching on Sports Injury Risk and Performance. *Athletic Therapy Today*. 2006;11(6):66-69.

Docherty CM, Valovich McLeod TC, Shultz SJ. Postural control deficits in participants with functional ankle instability as measured by the Balance Error Scoring System. *Clinical Journal of Sport Medicine*. 2006;16(3): 203-208.

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

Valovich McLeod TC. Proper fit and maintenance of ice hockey helmets. *Athletic Therapy Today*. 2005;10(6):54-57.

Valovich McLeod TC. The prediction of intracranial injury following minor head trauma in the pediatric population. *Journal of Athletic Training*. 2005;40(2):123-125.  
*1<sup>st</sup> runner up for the 2006 Journal of Athletic Training non-research manuscript award.*

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Jessee A, Kingma JJ, Bay RC, Nosbisch EE, Valovich McLeod TC. NIH Image J Computer Software Program: A reliable tool with questionable validity for measuring shoulder external range of motion. [In preparation]

## **THESIS COMMITTEES**

### **Committee Chair**

Purdoff M. Health-related quality of life following mild traumatic brain injury: A systematic review. Athletic Training Master's Thesis, Arizona School of Health Sciences, A.T. Still University; 2010-2012.

Mummert D. Healthcare provider knowledge and awareness of issues surrounding sport-related concussion. Athletic Training Master's Thesis, Arizona School of Health Sciences, A.T. Still University; 2010-2012.

Grenz A. Symptom reports and Pediatric ImPACT normative scores in young athletes. Athletic Training Master's Thesis, Arizona School of Health Sciences, A.T. Still University; 2009-2011.

Leach C. Concussion and quality of life in adolescent athletes. Athletic Training Master's Thesis, Arizona School of Health Sciences, A.T. Still University; 2009-2011.

McBain K. Critically Appraised Topic: The effect of soccer heading on cognition. Athletic Training Master's Thesis, Arizona School of Health Sciences, A.T. Still University; 2008-2010.

Capili BJ, Dickey A. Development of a concussion program website. Athletic Training Master's Thesis, Arizona School of Health Sciences, A.T. Still University; 2007-2009.

Kuehl M. The impact of prior concussions on health-related quality of life in collegiate athletes. Athletic Training Master's Thesis, Arizona School of Health Sciences, A.T. Still University; 2007-2009.

Gourley M. Knowledge and perception of sport-related concussion among youth athletes and their parents. Athletic Training Master's Thesis, Arizona School of Health Sciences, A.T. Still University; 2006-2008.

Piebes S. Measurement properties of headache and migraine scales in high school athletes for future use in assessing quality of life following concussion. Athletic Training Master's Thesis, Arizona School of Health Sciences, A.T. Still University; 2006-2008.

DiTrani A. The relationship between postural stability, dynamic postural screen, and lower extremity strength in collegiate track and cross country athletes. Athletic Training Master's Thesis, Arizona School of Health Sciences, A.T. Still University; 2006-2008.

## **TAMARA C. VALOVICH McLEOD, PhD, ATC, FNATA**

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Suckow AR. Core Stability and Strength in Collegiate Rodeo Athletes Prior to and Following One Competitive Season. Athletic Training Master's Thesis, Arizona School of Health Sciences, A.T. Still University; 2006-2008.

Freeman AM, Rogers BR. Neuromuscular response characteristics following a single-leg weight-bearing perturbation in prepubescent boys and girls. Sports Health Care Master's Thesis, Arizona School of Health Sciences, A.T. Still University; 2005-2007.

Havranek M. Laxity and stiffness of the knee following a closed kinetic chain exercise bout. Sports Health Care Master's Thesis, Arizona School of Health Sciences, A.T. Still University; 2005-2007.

Logue S. The effect of a core stability training program on core strength and balance in college basketball players. Sports Health Care Master's Thesis, Arizona School of Health Sciences, A.T. Still University; 2005-2007.

Strasser KM. The effect of two-a-day practices on cognition and symptom reports in collegiate athletes. Sports Health Care Master's Thesis, Arizona School of Health Sciences, A.T. Still University; 2005-2007.

Armstrong TL. Balance gains in female high school basketball players following a neuromuscular training program. Sports Health Care Master's Thesis, Arizona School of Health Sciences; 2004-2006.

Bohls CJ. Comparison of hip muscle activation patterns during two positions of lateral band walks. Sports Health Care Master's Thesis, Arizona School of Health Sciences; 2004-2006.

Boquiren ML. An evaluation of youth sport coaching knowledge after participation in the P.L.A.Y.S Youth Sport Safety Curriculum. Sports Health Care Master's Thesis, Arizona School of Health Sciences; 2004-2006.

Farrell DM. The effect of self-report concussion history on symptom reports following injury. Sports Health Care Master's Thesis, Arizona School of Health Sciences; 2004-2006.

Miller M. Ground reaction forces in high school female basketball players prior to and following an 8-week neuromuscular training program. Sports Health Care Master's Thesis, Arizona School of Health Sciences; 2004-2006.

Small LG. A survey of high school team physicians' assessment and management practices for sport-related concussion. Sports Health Care Master's Thesis, Arizona School of Health Sciences; 2004-2006.

Hintz M. The relationship between pelvic position and hip abductor strength between the sexes: implications for ACL injuries. Sports Health Care Master's Thesis, Arizona School of Health Sciences; 2003-2005.

## **TAMARA C. VALOVICH McLEOD, PhD, ATC, FNATA**

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Mailer BJ. The test-retest reliability of the Head Injury Scale self-report concussion symptom scale in an uninjured youth population. Sports Health Care Master's Thesis, Arizona School of Health Sciences; 2003-2005.

Malone C. The effect of lateral prophylactic knee bracing on valgus translation and stiffness. Sports Health Care Master's Thesis, Arizona School of Health Sciences; 2003-2005.

Tommasone B. The development of a computer-based program for sideline assessment of mild head injuries. Sports Health Care Master's Thesis, Arizona School of Health Sciences; 2003-2005.

Dybala A. A survey of youth athletes on sports participation characteristics. Sports Health Care Master's Thesis, Arizona School of Health Sciences; 2002-2004.

Hummel TI. Gender differences during static and dynamic clinical balance assessments. Sports Health Care Master's Thesis, Arizona School of Health Sciences; 2002-2004.

Hackett GS. Differences in neuromuscular responses from an anticipated and unanticipated catch during drop landings. Sports Health Care Master's Thesis, Arizona School of Health Sciences; 2002-2004

McGaugh JW. A survey of the knowledge base of youth sports coaches concerning injury prevention and management. Sports Health Care Master's Thesis, Arizona School of Health Sciences; 2002-2004.

Schwartz C. A survey of youth sports coaches' recognition of the signs and symptoms of sports-related concussion. Sports Health Care Master's Thesis, Arizona School of Health Sciences; 2002-2004.

### **Committee Member**

Coil V, Bruno G, Nelson B. Latent ankle instability resulting from ankle sprain. Physical Therapy, Doctoral Thesis. Arizona School of Health Sciences, A.T. Still University; 2010-2012.

Califano K. Health-related quality of life in single vs. multisport interscholastic athletes. Athletic Training Master's Thesis, Arizona School of Health Sciences, A.T. Still University; 2009-2011.

Cayton, S. Differences in Scapular Muscle Activation and Ratios During Early Phase Rehabilitation Exercises. Athletic Training Master's Thesis, Arizona School of Health Sciences, A.T. Still University; 2008-2010.

Tanabe T. The Comparison of Health-Related Quality of Life of Injured Male and Female Adolescent Athlete. Athletic Training Master's Thesis, Arizona School of Health Sciences, A.T. Still University; 2007-2009.

## TAMARA C. VALOVICH McLEOD, PhD, ATC, FNATA

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Martinez J. A Comparison of the Physical Function Assessment Scores on the SF-36 and the Adolescent PODCI. Athletic Training Master's Thesis, Arizona School of Health Sciences, A.T. Still University; 2006-2008.

Parsley AR. The relationship between functional outcomes scales and clinical function tests in patellofemoral syndrome patients. Athletic Training Master's Thesis, Arizona School of Health Sciences, A.T. Still University; 2006-2008.

Dirks R. Neuropsychological testing in a family practice setting. Department of Physician Assistant Studies Terminal Project, Arizona School of Health Sciences, A.T. Still University; 2005-2007.

deSzoek E. Neuromuscular response characteristics following a single-leg perturbation with and without ankle braces. Physical Therapy Doctoral Thesis, Arizona School of Health Sciences, A.T. Still University; 2005-2007.

Showman B. The Effects of Ankle Braces on Ground Reaction Forces and Muscle Activation Patterns of the Knee. Physical Therapy Doctoral Thesis, Arizona School of Health Sciences, A.T. Still University; 2004-2006

Edwards K. The incidence of contralateral ACL injuries in female college basketball players following an initial ACL reconstruction. Physical Therapy Doctoral Thesis, Arizona School of Health Sciences; 2004-2006

Martineau, C. The assessment and management of concussion by physician assistants. Physician Assistant Studies Master's Project. Arizona School of Health Sciences; 2004-2006.

Livingston J. The effect of a three-week hold-relax proprioceptive neuromuscular facilitation protocol on hamstring flexibility in high school males. Sports Health Care Master's Thesis, Arizona School of Health Sciences; 2003-2005.

Susco TM. Effect of gender on the recovery curves following exertion utilizing the Balance Error Scoring System. Master's Thesis, University of Virginia; 2001-2002.

Swisher L. Neuromuscular response patterns following a functional knee perturbation in prepubescent boys and girls. Master's Thesis, University of Virginia; 2001-2002.

Wilkins JC. The effect of fatigue on performance of the Balance Error Scoring System. Master's Thesis, University of Virginia; 2000-2001

Jenkins HL. The effectiveness of face mask removal tools in terms of time, force, and torque applied to the helmet. Master's Thesis, University of Virginia; 1999-2000.

### **PROFESSIONAL SERVICE**

#### **INVITED PRESENTATIONS**

**National & International**

*The National Sports Safety in Secondary Schools Benchmark™ (N4SB) Study: Overview and Findings.* (Feature Presentation) National Athletic Trainers' Association Clinical Symposium and Annual Meeting. New Orleans, Louisiana; June 20, 2011.

*Whole Person Management of Concussion: Successful Return to School and Sports.* (Special Topic) National Athletic Trainers' Association Clinical Symposium and Annual Meeting. New Orleans, Louisiana; June 20, 2011.

*Prevention and Management of Pediatric Overuse Injuries.* Advance for Physical Therapy and Rehabilitation Webinar. June 14, 2011.

*Practice-Based Research Networks: Connecting Clinicians, Educators, and Researchers to Enable Evidence-Based Practice.* With Eric L. Sauers, PhD, ATC, FNATA. Athletic Training Educators' Conference. Washington, DC. February 26-27, 2011.

*An Update on Sport Concussion Management for Athletic Trainers.* National Secondary School Athletic Healthcare Conference. National Webinar. July 15, 2010.

*An Update on Sport Concussion Management.* National Sportswriters and Sportscasters Association Conference. Salisbury, NC. May 2, 2010.

*Emerging NATA Position Statements: Overuse Injuries in Pediatric Athletes.* (Session) National Athletic Trainers' Association Clinical Symposium and Annual Meeting. San Antonio, Texas; June 2009.

*Practice-Based Research Networks: The Laboratory for Clinical and Translational Research.* (Session) National Athletic Trainers' Association Clinical Symposium and Annual Meeting. San Antonio, Texas; June 2009.

*The Assessment and Management of Sport-Related Concussion.* (Lecture and Workshop) Japan Athletic Trainer's Association. Tokyo, Japan; March 2009.

*Sport-Related Concussion: Overcoming the Misconceptions.* Japan Athletic Trainer's Association. Tokyo, Japan; March 2009.

*Graduated Approach to Teaching Critical Appraisal of Athletic Training Evidence.* 2009 Athletic Training Educator's Conference. Washington, DC; February 2009.

*One Size Does Not Fit All: Using Evidence to Develop Concussion Assessment Protocols (Selecting Concussion Assessment Tools Based on the Evidence).* (Session) National Athletic Trainers' Association Clinical Symposium and Annual Meeting. St. Louis, MO; June 2008.

## TAMARA C. VALOVICH McLEOD, PhD, ATC, FNATA

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*Mild Head Injury Special Interest Group: Strategies for Implementing a Successful Concussion Protocol.* National Athletic Trainers' Association Clinical Symposium and Annual Meeting. St. Louis, MO; June 2008.

*Overuse Injuries in the Pediatric Athlete.* (Workshop) National Athletic Trainers' Association Clinical Symposium and Annual Meeting. Anaheim, California; June 2007.

*Interventions for the Prevention of Anterior Cruciate Ligament Injuries.* NATA Exchange Lecture. American Osteopathic Academy of Sports Medicine. Scottsdale, Arizona; May 5, 2006.

*Comprehensive Approach to Concussion Assessment.* Incorporating the NATA Concussion Position Statement into Clinical Practice – Advanced Track. National Athletic Trainers' Association Clinical Symposium and Annual Meeting. Indianapolis, Indiana; June 12, 2005.

*Special Considerations for the Young Athlete.* Incorporating the NATA Concussion Position Statement into Clinical Practice – Advanced Track. National Athletic Trainers' Association Clinical Symposium and Annual Meeting. Indianapolis, Indiana; June 12, 2005.

*Proper Documentation Following Concussion (Lab).* Incorporating the NATA Concussion Position Statement into Clinical Practice – Advanced Track. National Athletic Trainers' Association Clinical Symposium and Annual Meeting. Indianapolis, Indiana; June 12, 2005.

*Recommendations from the 2004 NATA Positions Statement on the Management of Concussion in Sport.* (Panel Discussion). Fifth Annual Neurotrauma and Sports Medicine Review. Orlando, Florida; March 12-13, 2005.

*Sideline Management of Concussion in the Young Athlete: Considerations for the Athletic Trainer.* Fifth Annual Neurotrauma and Sports Medicine Review. Orlando, Florida; March 12-13, 2005.

*Special Interest Group – Mild Brain Injury: Current and Future Practices of Sideline Testing.* National Athletic Trainers' Association Clinical Symposium and Annual Meeting. Baltimore, Maryland; June 18, 2004.

*Pediatric Concussion: Should it be Managed Differently?* National Athletic Trainers' Association Clinical Symposium and Annual Meeting. (Session) Baltimore, Maryland; June 16, 2004.

*Management of Concussion in Pediatrics and Adolescents.* Fourth Annual Neurotrauma and Sports Medicine Review. Phoenix, Arizona; February 26-29, 2004.

*Test-retest Reliability of Neuropsychological Assessments in Young Athletes.* Fourth Annual Neurotrauma and Sports Medicine Review: Open Scientific Paper Session. Phoenix, Arizona; February 26-29, 2004

## TAMARA C. VALOVICH McLEOD, PhD, ATC, FNATA

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*Special Interest Group – Concussion in Sport: Do we need to be more conservative with high school athletes?* National Athletic Trainers' Association Clinical Symposium and Annual Meeting. St. Louis, Missouri; June 28, 2003.

*Strategies for Balance Training and Assessment in Rehabilitation.* National Athletic Trainer's Association Clinical Symposium (Workshop). St. Louis, Missouri; June 2003.

*Concussion Assessments in the Pediatric Athlete.* National Athletic Trainer's Association Clinical Symposium (Workshop). Dallas, Texas; June 18, 2002.

### **Regional**

*Point-Counterpoint: Neurocognitive Assessment of Sport-Related Concussion.* Barrow Neurological Institute 6<sup>th</sup> Annual Traumatic Brain Injury Symposium. Phoenix, Arizona. April 2, 2011.

*Return to School and Sports Following Sport-Related Concussion.* Arizona Athletic Trainers' Association Winter Meeting. Mesa, Arizona, February 19, 2011.

*Safe Return to School and Sports Following Sport-Related Concussion.* New Hampshire Pediatric Society: Management of Sports-Related Concussions. Bedford, New Hampshire. September 22, 2010.

*Clinical Screening Tools to Identify Muscle Imbalances and injury Risk Factors.* Arizona Athletic Trainers' Association Summer Meeting. Flagstaff, Arizona. July 17, 2010. (Lecture and Lab)

*Sport-Related Concussion: An Update From Zurich 2008.* Rocky Mountain Athletic Trainers' Association Symposium. Denver, Colorado; April 8-11, 2010 (Presentation and Expert Panel).

*Balance: Tools for Assessment and Rehabilitation.* Rocky Mountain Athletic Trainers' Association Symposium. Denver, Colorado; April 8-11, 2010 (Presentation and Workshop).

*Management of Sport-Related Concussion.* (with Christina Kwasnica, MD) Barrow Neurological Institute and St. Joseph's Hospital Neurotrauma Symposium. Phoenix, Arizona. March 26, 2010.

*The evolution of concussion management: Vienna to Zurich and beyond.* Northern Arizona University & Summit Center Sports Medicine. Flagstaff, Arizona; September 28, 2009.

*Sport-related concussion.* Arizona Interscholastic Athletic Administrators Association. Prescott, Arizona; September 15, 2009.

*Prevention and Management of Pediatric Overuse Injuries.* Rocky Mountain Athletic Trainers' Association Symposium. Salt Lake City, Utah; April 16-19, 2009.

## TAMARA C. VALOVICH McLEOD, PhD, ATC, FNATA

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*The Evolution of Concussion Management Recommendations: An Update From The 3<sup>rd</sup> International Conference on Concussion in Sport.* Arizona Athletic Trainer's Association. Phoenix, Arizona; March 1, 2009.

*Constraint Induced Movement Therapy for Pediatric Clients.* Diamant R, Bosch P, Valovich McLeod TC. Arizona Occupational Therapy Association State Meeting. Phoenix, Arizona; September 18, 2008.

*Concussion Assessment and Management Considerations in the Pediatric Athlete.* Rocky Mountain Athletic Trainers' Association Clinical Symposium. Glendale, Arizona; May 1-4, 2008.

*The Effectiveness of Training Programs in Preventing Lower Extremity Injuries.* Rocky Mountain Athletic Trainers' Association Clinical Symposium. Glendale, Arizona; May 1-4, 2008. (Lecture and Workshop)

*Management of Mild Traumatic Brain Injury in the Primary Care Setting.* Arizona State Association of Physician Assistants 2008 Primary Care Conference. Sedona, Arizona; March 12-14, 2008.

*Head, Facial, and Breast Trauma in the Female Athlete.* Arizona Athletic Trainers' Association Summer Meeting. Flagstaff, Arizona; July 20-22, 2007.

*Assessment and Management of Sport Related Concussion.* 3<sup>rd</sup> Annual Traumatic Brain Injury Symposium. Barrow Neurological Institute. Phoenix, Arizona; May 5, 2006.

*Assessment Tools for Mild Traumatic Brain Injury.* 3<sup>rd</sup> Annual Traumatic Brain Injury Symposium. Barrow Neurological Institute. Phoenix, Arizona; May 5, 2006.

*Utilizing Disablement Models and Clinical Outcomes Assessment to Enable Evidence-Based Practice.* Sauers EL, Valovich McLeod TC. 22<sup>nd</sup> Annual Rocky Mountain Athletic Trainers' Association Clinical Symposium. Salt Lake City, Utah; April 23, 2006.

*Sideline Management of Sport Related Concussion: The Athletic Trainer's Perspective.* Concussion in Student-Athlete Conference. Mesa, Arizona; February 18, 2006.

*The ATSU Concussion Study – ANAM Software Demonstration.* Southern Arizona Athletic Trainers Annual Meeting. Tucson, Arizona; September 7, 2005.

*Recommendations for the Management of Sport-Related Concussion: The NATA Position Statement.* Louisiana Athletic Trainers' Association Clinical Symposium. Louisiana; June 26-28, 2005.

*Recurrent patellar instability in an adolescent female athlete: A case report.* 21<sup>st</sup> Annual Rocky Mountain Athletic Trainers' Association Clinical Symposium. Phoenix, Arizona; April 24, 2005.

## TAMARA C. VALOVICH McLEOD, PhD, ATC, FNATA

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*Recommendations for the Management of Sport-Related Concussion: The NATA Position Statement.* 21<sup>st</sup> Annual Rocky Mountain Athletic Trainers' Association Clinical Symposium. Phoenix, Arizona; April 23, 2005.

*Mentoring in Athletic Training.* 21<sup>st</sup> Annual Rocky Mountain Athletic Trainers' Association Clinical Symposium. Phoenix, Arizona; April 21, 2005.

*Sideline Concussion Management.* Northwest Athletic Trainers' Association District 10 Annual Meeting. Spokane, Washington; March 18, 2005.

*Sport-Related Concussion: What is it and how is it Assessed?* Arizona Athletic Trainers' Association Winter Meeting Student Session. Mesa, Arizona; February 13, 2005.

*The Relationship Between the Standardized Assessment of Concussion and Selected Neuropsychological Assessments in Healthy Young Athletes.* Rocky Mountain Athletic Trainers' Association District Meeting Free Communications. Broomfield, Colorado; March 27, 2004.

*Implementation of a Concussion Management Protocol in the High School Setting.* Concussion in Sport: Current Concepts for Clinical Practice. Department of Sports Health Care Continuing Education Conference. Mesa, Arizona; February 29, 2004.

*Concussion Management Practices of Arizona High School Certified Athletic Trainers.* Concussion in Sport: Current Concepts for Clinical Practice. Department of Sports Health Care Continuing Education Conference. Mesa, Arizona; February 29, 2004.

*Female ACL Injuries: Interventions to Close the Gender Gap.* Arizona Physical Therapy Association Orthopedic Update. Phoenix, Arizona; January 31, 2004.

*Evidence Based Approach to Sports-Related Concussions.* New Hampshire Musculoskeletal Institute 3<sup>rd</sup> Annual Winter Meeting. Stowe, Vermont; March 21-23, 2003.

*The Evaluation of Balance in a Sports Medicine Setting.* University of Virginia. The Art and Science of Sports Medicine. Charlottesville, Virginia; June 3-4, 2002. (Lecture and laboratory session)

*The Assessment of Postural Stability Following Mild Head Injury.* University of Virginia. The Art and Science of Sports Medicine. Charlottesville, Virginia; June 7, 2001. (Lecture and laboratory session)

*Mild Head Injury: Assessment and Return to Play Decision Making.* University of Virginia. The Art and Science of Sports Medicine. Charlottesville, Virginia; June 12, 2000.

*The Lateral Knee: Anatomy, injuries, and non-surgical rehabilitation.* New Hampshire Musculoskeletal Institute. The Knee: Lecture and Dissection for Athletic Trainers. Manchester, New Hampshire; May 1999

**Local / Institutional**

*Practice-Based Research Networks*. Interdisciplinary Research Committee Seminar. A.T. Still University, Mesa, Arizona. April 22, 2011.

*Sport Concussion Assessments: A Meta-Analysis*. Evidence-Based Health Care Journal Club. A.T. Still University, Mesa, Arizona. March 22, 2011.

*Sport-Related Concussion*. Athletic Training Seminar in Arizona. A.T. Still University, Mesa, Arizona. March 11, 2011. (for Japanese Athletic Training Students)

*Evidence-Based Health Care Journal Club*. Meta-Analysis of Concussion Assessments. Mesa, Arizona. March 22, 2011.

*Helmet Your Head*. Horizon Community Learning Center, Kindergarten Classes (4 presentations). Phoenix, Arizona. November 30 and December 1, 2010.

*The Evolution of Concussion Guidelines*. Brain Injury Association of Arizona, Brain Injury Awareness Month. Phoenix, Arizona. March 19, 2010.

*Lower Extremity Injury Prevention: An Evidence-Based Approach*. ATSU Human Movement Institute. Mesa, Arizona. August 2, 2009.

*Concussion Management Update from the Zurich Consensus Meeting*. Arizona Sports Medicine Society. Mesa, Arizona. July 27, 2009.

*Concussions and Helmet Safety*. Mesa Brownie and Girl Scout Troop. Mesa, Arizona. May 7, 2009.

*Assessment of Sport-Related Concussion* (Lecture and lab). Athletic Training Seminar in Arizona. A.T. Still University, Mesa, Arizona. June 25-26, 2008. (for Japanese Athletic Training Students)

*Injury Evaluation* (Lecture and lab). Athletic Training Seminar in Arizona. A.T. Still University, Mesa, Arizona. June 25-26, 2008. (for Japanese Athletic Training Students)

*Sport-Related Concussion Assessment and Management*. TryWorks Athletic Training Seminar in Arizona. A.T. Still University, Mesa, Arizona. March 1, 2008. (for Japanese AT students)

*ACL Injury Update: Risk Factors and Interventions*. Human Movement Program Presentation to students from Spain. A.T. Still University, Mesa, Arizona. January 31, 2007.

*Concussion Management for the Physician Assistant*. Department of Physician Assistant Studies Journal Club. Arizona School of Health Sciences, Mesa, Arizona. November 1, 2006.

## TAMARA C. VALOVICH McLEOD, PhD, ATC, FNATA

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*Roles and Responsibilities of the Athletic Trainer.* Presented to the Audiology Department, Arizona School of Health Sciences, Mesa Arizona. September 19, 2006.

*ACL Injury Risk Factors.* Department of Physician Assistant Studies Journal Club, Arizona School of Health Sciences, Mesa, Arizona. July 14, 2006.

*Medical Emergency Preparedness and Spine Boarding.* Arizona State University Sports Medicine Symposium. (Presented to athletic training students visiting from Japan) Tempe, Arizona. June 21, 2006.

*Therapeutic Exercise and Rehabilitation.* Arizona State University Sports Medicine Symposium. (Presented to athletic training students visiting from Japan) Tempe, Arizona. June 21, 2006.

*Sport-Related Concussion.* Presented to athletic training students visiting from Japan. Arizona State University Sports Medicine Symposium. Tempe, Arizona, March 14, 2006.

*The Role of the ATSU-Mesa Institutional Review Board.* Presented to the Physical Therapy Students, Arizona School of Health Sciences. December 16, 2004 and to the Physician Assistant Students, Arizona School of Health Sciences, February 21, 2005.

*Roles and Responsibilities of the Sports Health Care Professional.* Presented to the Audiology Department, Arizona School of Health Sciences, Mesa Arizona. October 5, 2004.

*Athletic Training as a Profession.* Presented to the Tucson Unified School District, Arizona School of Health Sciences, Mesa, Arizona. March 8, 2004.

*The Sports Health Care Profession.* Presented to Seton Catholic High School Students, Arizona School of Health Sciences, Mesa, Arizona. December 10, 2003.

*Roles and Responsibilities of the Sports Health Care Professional.* Presented to the Audiology Department, Arizona School of Health Sciences, Mesa Arizona. October 9, 2003.

*The Certified Athletic Trainer.* Arizona Health Academy Symposium. Mesa, Arizona; July 19, 2002.

*Injury Prevention and Management for Little League Coaches.* Piedmont Little League. Charlottesville, Virginia; April 7, 2002.

### **MEDIA INTERVIEWS**

*Adolescent Sports Injuries.* Interview with Andy Haley, Associate Content Director, *STACK Magazine*. June 21, 2011.

*Sport Related Concussion in High School Athletes.* Interview with Julie Deardorff, Chicago Tribune. June 9, 2011.

## TAMARA C. VALOVICH McLEOD, PhD, ATC, FNATA

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*Pediatric Overuse Injury Position Statement.* Interview with Kyle Bass, National Fastpitch Coaches Association Media Intern. March 24, 2011.

*Pediatric Overuse Injuries.* Interview with Jane E. Brody, New York Times Health Columnist. March 17, 2011. Cited in: A Warning on Overuse Injuries for Youths. *New York Times*. April 4, 2011. Reprints in the Seattle Times and Hawaii News.

*Concussion and Overuse Injuries.* Interview with Lee Smith, PBS Frontline. February 23, 2011. Frontline Episode: Football High, Air Date April 12, 2011.

*Concussion Management and Neurocognitive Tests.* Interview with Jennifer Yates, Associated Press, Pittsburgh, PA. November 18, 2010.

*Youth Concussions and the AAN Recommendations.* Interview with Nancy Benac, Canadian Medical Association Journal. November 15, 2010. Cited in: Benac, N. American doctors urge medical evaluations for all concussed athletes. *CMAJ*. 2010 Nov 29. [Epub ahead of print]

*Youth and Adolescent Concussions.* Interview with Genevra Pittman, Reuters Health. August 26, 2010.

*Youth Sports Injuries and the NEISS Data.* Interview with Lee Bowman, Scripps Howard News Service. July 20, 2010.

*Sport-Related Concussion.* Ongoing correspondence with Brandon George, Dallas Morning News. July 2010. Stories published August 1-3, 2010.

- ◆ NFL warning: Concussions 'can change your life and your family's life forever'. Sunday, August 1, 2010, By BRANDON GEORGE / The Dallas Morning News
- ◆ Texas' UIL falls behind on concussion policy. Monday, August 2, 2010, By BRANDON GEORGE / The Dallas Morning News
- ◆ Experts: With head injuries, an athletic trainer's decision must be respected. Tuesday, August 3, 2010, By BRANDON GEORGE / The Dallas Morning News
- ◆ Helmet manufacturers, coaches try to protect players with advanced technology. Wednesday, August 4, 2010, By RAINER SABIN / The Dallas Morning News

*The Coach's Corner.* Interview with Scott Lovely. March 29, 2010.

*Risk and Insurance* magazine. Interview with Dan Reynolds. March 15, 2010.

*ATSU Sport Concussion Research.* Interview with Sandra K, Fox 10 News Phoenix. March 3, 2010. Aired March 12, 2010.

*Sport-Related Concussion.* Interview with Scott Hoenshell, Channel 12 News. Aired on October 7, 2009.

*Managing School Athletics* Interview with Larry Graf, Editor., June 12, 2009. Pediatric Overuse Injuries. Published in *Managing School Athletics*, September 2009.

## TAMARA C. VALOVICH McLEOD, PhD, ATC, FNATA

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*Appropriate Medical Care for the Secondary School-Age Athlete.* Press Conference at the National Athletic Trainers' Association Annual Meeting, June 18, 2008. St. Louis, Missouri.

*National Public Radio.* Interview with Tom Goldman. March 8, 2007. Sport Concussion in the Young Athlete. Aired March 19-20, 2007.

HealthNewsDigest.com. *Health Tips: How to Properly Return to an Exercise Routine.* April 10, 2006.

*Cox Cable Channel 7.* Interview with Sarah Spivey. February 18, 2006. Concussion in Student-Athletes.

*KTAR 620.* Interview. February 17, 2006. Concussion in high school athletes. Aired February 17, 2006.

*NATA News.* Interview with Valerie Hunt. November 23, 2005. Article published: Hunt, V. Education continues to evolve: Post-professional work expands. *NATA News.* 2006 (1):14-19.

*East Valley Tribune.* Interview with Mike Tulumello. October 12, 2005. Article published: Tulumello, M. Heading off injury: Prep football players at higher risk for brain trauma. *East Valley Tribune.* 2005; October 14.

*Niagara This Week.* Interview with Wayne Creighton; January 3, 2005. Article published: Creighton, W. Love of Sports Leads to Injury Prevention Research. *Niagara This Week.* 2005, January.

*Raising Arizona Kids.* Interview with Lynn Trimble, Associate Editor; November 1, 2004. Cited in: Trimble L, Cooney LS. Family Matters: What parents need to know about sports concussions. *Raising Arizona Kids.* 2005;15(11):16.

### EDITORIAL EXPERIENCE

*Journal of Athletic Training:* April 2000-present  
Editorial Board Member: January 2005-present  
Manuscript Reviewer: January 2000-January 2005  
Editorial Assistant: April 2000-December 2001

*Journal of Sport Rehabilitation:* April 2002-present  
Editorial Board Member: March 2008-present (primarily responsible for the Critically Appraised Topics (CATS) section)  
Guest Reviewer; April 2002-March 2008.

*Athletic Training and Sports Health Care Journal:* Editorial Board; June 2008-present

*European Journal of Sport Sciences:* Guest Reviewer; August 2010-present.

*Brain Injury*: Guest Reviewer; March 2010-present

*Medicine and Science in Sports and Exercise*: Guest Reviewer; June 2005-present

*Sports Health*: Guest Reviewer; July 2008-present

*Journal of Neurotrauma*: Guest Reviewer; April 2009-present

*Physical Medicine and Rehabilitation*: Guest Reviewer; June 2009-present

*Perceptual and Motor Skills*: Guest Reviewer; April 2005-present

*Athletic Therapy Today*: Guest Reviewer; November 2003-present

*Board of Certification*: Home Study Reviewer for the BOC Approved Provider Program; May 2004-present.

#### **COMMITTEE INVOLVEMENT**

##### **National**

Advisory Board. New Hampshire Musculoskeletal Institute. February 2011-present.

National Athletic Trainers' Association Pronouncement Council Position Statement Update on the Management of Sports-Related Concussions, Committee member; January 2011-present.

National Athletic Trainers' Association Liaison to the Associations of Schools of Allied Health Professionals. June 2010-present.

Safety in Sports – European Network for Sports Injury Prevention. Consultant and Content Expert. May 2010-present.

Oregon Center for Applied Science, Sport Concussion Project. Consultant. (Phase I Project funded by NIH).

National Athletic Trainers' Association, Executive Council for Education - Evidence-Based Education for Athletic Trainers (EBEAT) team October 2009-present.

National Athletic Trainers' Association Research and Education Foundation (NATA-REF), District 7 Chair and Board Member; June 2005-June 2011.

National Athletic Trainers' Association Research and Education Foundation, Grant Reviewer, March 2004-present.

National Athletic Trainers' Association Research and Education Foundation, Building Blocks Subcommittee, August 2009-present.

## **TAMARA C. VALOVICH McLEOD, PhD, ATC, FNATA**

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National Athletic Trainers' Association Pronouncement Committee on Overuse Injuries in the Young Athlete, Committee Chair; January 2006-October 2010.

National Athletic Trainers' Association Research and Education Foundation, Foundation Awards Subcommittee, November 2008-February 2009.

National Athletic Trainers' Association Women in Athletic Training Committee E-Mentoring Program, Mentor, December 2003-June 2007.

National Athletic Trainers' Association Women in Athletic Training Committee, District 7 Chair & Professional Development Sub-Committee Chair, June 2004-June 2007.

Board of Certification. Examination Site Host, August 7, 2005.

Appropriate Medical Care for Secondary School-Aged Athletes Task Force. National Athletic Trainers' Association and Inter-Association Task Force, Writing Group & Consultant; October 2003-September 2004.

National Athletic Trainers' Association Pronouncement Committee on the Management of Sports-Related Concussions, Committee member; September 2002-October 2004.

Board of Certification. Examination Site Host, August 1, 2004.

Human Kinetics, Book Proposal Reviewer, July 2004.

### **Regional**

Sport Concussion Coalition of Arizona, Advisory Board. October 2010-present.

Brain Injury Association of Arizona, Board of Directors, Executive Committee, and Secretary, October 2009-present.

Rocky Mountain Athletic Trainers' Association Conference Programming Committee; August 2008-June 2010.

Arizona Interscholastic Association Sports Medicine Committee; October 2004-October 2010.

Brain Injury Association of Arizona, Board of Directors; November 2005-October 2009.

Brain Injury Association of Arizona, Chair: Public Awareness and Education Committee; October 2005-October 2008.

Arizona Athletic Trainers' Association. Newsletter Committee Chair / Newsletter Editor; April 2004-December 2008.

Brain Injury Association of Arizona, Executive Committee; October 2005-January 2008.

## TAMARA C. VALOVICH McLEOD, PhD, ATC, FNATA

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National Athletic Trainers' Association Women in Athletic Training Committee (WATC). District 7, Arizona representative; January 2003-June 2004.

### **Local / Institutional**

Strategic Plan for Research and Scholarly Activity. A.T. Still University. April 2011-present. (Core Themes Working Group & Training and Development Working Group)

President, ASHS Faculty Assembly. A.T. Still University. October 2010-present.

Interdisciplinary Research Committee (IRC), Mesa Campus. A.T. Still University. July 2009-present.

Search Committee for Arizona School of Health Sciences Dean. A.T. Still University. March 2011-July, 2011.

Student Research Symposium Organizing Committee. Arizona School of Health Sciences, A.T. Still University. May 2009-May 2011.

Member, Research Coordinator Search Committee. A.T. Still University. July 2010-December 2010.

President-Elect, ASHS Faculty Assembly. A.T. Still University. October 2008-October 2010.

Athletic Training Student Association, Faculty Advisor, Arizona School of Health Sciences; August 2003-present.

Promotion and Tenure Committee. Committee Member. Arizona School of Health Sciences; October 2007-October 2009.

Ombudsmen. ASHS Faculty Assembly. A.T. Still University. October 2006-October, 2008.

Institutional Review Board, Committee Member. Arizona School of Health Sciences; October 2004-October 2008.

Sports Medicine / Rehabilitation Committee. Workforce Education and Development Office. Arizona State University Downtown Phoenix Campus. Evaluation of a Sports Medicine Curriculum for Magnet High Schools. July 2007.

Promotion and Tenure Committee. Committee Member. Arizona School of Health Sciences; October 2004-October 2006.

Ad-Hoc Committee for Awards Selection. ASHS Faculty Assembly. A.T. Still University; July 2006-September 2006.

## **TAMARA C. VALOVICH McLEOD, PhD, ATC, FNATA**

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Faculty Affairs Committee. Committee Member. Arizona School of Health Sciences; October 2004-2006.

Sports Health Care Strategic Planning Committee: Dwight Patterson Sports Academy Advancement, Arizona School of Health Sciences; January 2003-2005.

Sports Health Care Strategic Planning Committee: Doctoral Program Development, Arizona School of Health Sciences; January 2003-2005.

Institutional Review Board, Chair. Arizona School of Health Sciences; October 2004-October 2005.

A.T. Still University Arizona Campus Academic Promotion Board. Committee Member; Arizona School of Health Sciences; September 2004-March 2005.

Department of Physical Therapy, Faculty Search Committee. Arizona School of Health Sciences; October 2004-February 2005.

Still Runnin' and Still Healthy Website Developer and Moderator. A.T. Still University – Mesa Campus. July 2004-October 2005.

A.T. Still University Founder's Day 5 & 10K Run Organizing Committee. Arizona School of Health Sciences & Arizona School of Dentistry and Oral Health; February 2004-November 2004.

Faculty Governance Ad Hoc Committee on Appointments and Elections. Arizona School of Health Sciences; July 2004-October 2004.

On-line Education Committee, Arizona School of Health Sciences, July 2002-July 2004.

Curry School of Education, Education Council Student Mentor, University of Virginia; August 2001-May 2002.

Kinesiology Student Advisory Committee, University of Virginia; August 2000-September 2001.

### **CERTIFICATIONS/MEMBERSHIPS**

National Athletic Trainers' Association, Certified Athletic Trainer (Membership Number: 942486, Certification Number: 059602504)

National Strength and Conditioning Association, Certified Strength and Conditioning Specialist (Membership Number: 93-09-20-361, Certification Number: 976431)

Arizona Board of Athletic Training (License Number: 0387)

## TAMARA C. VALOVICH McLEOD, PhD, ATC, FNATA

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National Provider Identifier (NPI: 1417929340)

McCue Sports Medicine Society Member

New Hampshire Musculoskeletal Institute Member

### **HONORS AND AWARDS**

Fellow, National Athletic Trainers' Association. 2011.

Warren H. Lee Certified Athletic Trainer of the Year. Arizona Athletic Trainers' Association, 2011.

John P. Wood, D.O., Endowed Chair for Sports Medicine. A.T. Still University, 2010.

Educator of the Year, Arizona School of Health Science, A.T. Still University, 2009.

Winner and Second Runner Up of the 2008 *Journal of Athletic Training's* Clint Thompson Award for Clinical Advancement.

ATSU Arizona Student Government Association Athletic Training Student Appreciation Award, 2009.

Nominee for the Freddie H. Fu New Investigator Award, NATA Foundation, 2007 & 2008.

Journal of Athletic Training, 1<sup>st</sup> runner-up Non-Research Manuscript of the Year, 2006.

Scholar of the Year, Arizona School of Health Sciences, 2005 & 2007

Above and Beyond Humanitarian Award, A.T. Still University, 2005.

Nominee for the David H. Perrin Doctoral Dissertation Award, National Athletic Trainers' Association Research and Education Foundation, 2005

Nominee for inclusion in *Empire Who's Who Among Executives and Professionals*. 2004-2005 Honors Edition.

Sports Health Care Faculty of the Year, Arizona School of Health Sciences, 2004

National Athletic Trainers' Association Research and Education Foundation, Finalist for the Masters Student Research Poster Award, 2003, 2004.

David H. Perrin Athletic Training and Sports Medicine Award, University of Virginia, 2002

McCue Society Sports Medicine Scholarship, 2002

## **TAMARA C. VALOVICH McLEOD, PhD, ATC, FNATA**

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University of Colorado Fellowship, 1996

Presidents' Associates Medallion, Mercyhurst College, 1996

Mercyhurst Honours, 1996

Magna Cum Laude, Mercyhurst College, 1996

Mercyhurst College Student Athletic Trainer of the Year, 1996

National Athletic Trainers' Association Postgraduate Scholarship, 1996

National Athletic Trainers' Association Undergraduate Scholarship, 1995

Betsy Lantz Scholarship, Mercyhurst College, 1995

Egan Scholar, Mercyhurst College, 1992-1996