

Scott M. Miller

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TRAINING

Vanderbilt University Medical Center

Physical Medicine and Rehabilitation Residency

2018 - Present

EDUCATION

University of Missouri – Columbia School of Medicine

Doctor of Medicine

University of Louisville

Post Baccalaureate Pre-Medical Certificate Program

Marquette University – Milwaukee, WI

B.S. Business Administration

HONORS & AWARDS

University of Missouri – Columbia School of Medicine:

Carr Scholarship

Community Foundation of the Ozarks Scholarship

Cole County Medical Society Scholarship

ECG Travel Scholarship – Society for Student Run Free Clinics

Glenn Medical Scholarship

Dr. William M. Walker Memorial Medical Scholarship

Marquette University:

Dr. Charles R. Eichenberger Inspirational Award Recipient

- 1 of 6 Marquette Student-Athletes to ever receive award.

Athletic Scholarship - soccer

Academic Scholarship

Big East Academic All Star

Member of NSCAA Wisconsin All State College Team

LEADERSHIP

Class President: University of Missouri Springfield Clinical Campus

Special Olympics - Head Basketball Coach – Springfield, MO

St. Baldrick's Class Representative, Team Captain, Shavee, and Community Fundraiser

- Raised \$3078 individually and \$76070 as a medical school.

Consulate of Mexico in Kansas City Health Screening Coordinator

St Jude's Walk Team Coordinator

Team Captain: Marquette University Men's Soccer Team

PUBLICATIONS

Sherman, SL, Gray A, Willis BW, Hou Z, Siesener N, Gulbrandsen TR, Miller SM, Swithin R, Amihrossein J, Skubic M, Guess TM. Development and Validation of a Portable and Inexpensive ACL Injury Risk Identification Tool: Measuring the Drop Vertical Jump Using the Microsoft Kinect V2. (published in Sports Health 2017)

Sherman S, Gulbrandsen TR, Miller S, Guess T, Willis BW, Blecha K, Huo Z, Skubic M, Gray A. Mass Screening of Youth Athletes for High Risk Landing Patterns using a Portable and Inexpensive Motion Sensor Device. OJSM. July, 2016. 4(7).

MANUSCRIPTS

Aaron Gray MD, Scott Miller, BS, Emily Leary PhD, Sam Galloway, Seth L. Sherman MD. Validation of a novel retrospective method to evaluate ACL injury rates in high school soccer athletes.

PRESENTATIONS

University of Missouri School of Medicine Health Sciences Research Day – Columbia, MO

Scott Miller, BS, Aaron Gray, MD, Seth Sherman, MD, Emily Leary, PhD, Jeffrey Marks, BS.

- Comparison of Anterior Cruciate Ligament Rupture Rates in Men's and Women's High School Soccer.

International Conference on Sport and Society – London, England

Dr Joyce Mikal Flynn, David Parsh, Keenan Flynn, Scott Miller. Turning Tragedy into Triumph with MetaHabilitation: A Contemporary System of Rehabilitation.

- Overview: Athletes experience injuries. Current rehabilitation models fail to incorporate their experience of trauma and inner strengths planning recovery. MetaHabilitation recognizes athletes unique fortitude and ability to turn tragedy into triumph.

POSTERS

Willis BW, Sherman SL, Gulbrandsen T, Miller SM, Guess TM, Siesener NJ, Guess TM, Blecha K, Huo Z, Skubic M, Gray AD. Sex Differences in Jump Landing Mechanics of Youth Athletes during Ages of Increased Risk for ACL Injury: Utilization of a Portable Motion Sensor. *National Strength & Conditioning Association Annual Meeting*. Poster Presentation. Indianapolis, IN. July, 2018.

Sherman SL, Gray A, Willis BW, Hou Z, Siesner N, Gulbrandsen TR, Miller SM, Swithin R, Amirhossein J, Skubic M, Guess TM. Development and Validation of a Portable and Inexpensive ACL Injury Risk Identification Tool: Measuring the Drop Vertical Jump Using the Microsoft Kinect V2. ISAKOS 11th Biennial Congress - Shanghai, China. June 4-8 2017

Sherman SL, Gulbrandsen TR, Miller SM, Guess, T, Willis BW, Blecha KM, Huo Z, Skubic M, Gray A. Mass Screening of Youth Athletes for High Risk Landing Patterns using a Portable and Inexpensive Motion Sensor Device. AOSSM – Colorado Springs, CO. 2016 July 7-10.

Scott Miller, BS, Aaron Gray, MD, Seth Sherman, MD, Emily Leary, PhD, Jeffrey Marks, BS. Comparison of Anterior Cruciate Ligament Rupture Rates in Men's and Women's High School Soccer.

RESEARCH EXPERIENCE

University of Missouri - School of Medicine – Mirna Becevic, PhD, MHA.

Extension for Community Health Care Outcomes Project (ECHO) – Pain Management

University of Missouri - School of Medicine - Aaron Gray M.D. & Seth Sherman M.D.

Validation of a novel retrospective method to evaluate ACL injury rates in high school soccer athletes.

University of Missouri - School of Medicine - Aaron Gray M.D. & Seth Sherman M.D.

Mass Screening of Youth Athletes for High Risk Landing Patterns using a Portable and Inexpensive Motion Sensor Device.

University of Missouri - School of Medicine - Aaron Gray M.D. & Seth Sherman M.D.

Development and Validation of a Portable and Inexpensive ACL Injury Risk Identification Tool:
Measuring the Drop Vertical Jump Using the Microsoft Kinect V2

CONFERENCES ATTENDED

American Academy of Physical Medicine and Rehabilitation, Orlando, FL

Society for Student Run Free Clinics, Anaheim, CA

International Conference on Sport and Society, London, England

PROFESSIONAL EXPERIENCE

Soccer Coach/Tutor/Mentor, YMCA Newcomer Academy, Louisville, KY

Orthopedic Sales Representative, R&M Distributing/Arthrex, Milwaukee, WI

Sales Force Effectiveness Associate, GE Healthcare, Milwaukee, WI

VOLUNTEER, SERVICE, INTEREST GROUPS

University of Missouri School of Medicine Student Ambassador

Special Olympics Southwest MO

Springfield Catholic – High School Soccer Coach

Springfield Catholic High School Concussion Presentation, Springfield, MO

Glendale High School CHEMClub, Springfield, MO

GOCaps Medical Interest Group, Springfield, MO

Ronald McDonald House, Springfield, MO

Equilibrium Horse Therapy Side-Walker, Springfield, MO

Food Bank for Central and Northeast Missouri Ballin' for Buddy Packs

Friday Night Lights Participant, Columbia, MO

Harbor House Volunteer, Columbia MO

Central Missouri Food Bank Volunteer, Columbia, MO

STEP Program Participant, Columbia, MO