

Associate Professor
Department of Orthopaedics
Department of Family Medicine
University of Missouri
Department of Orthopaedics
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Employment

2011 - present Family Physician & Sports Medicine Physician
Assistant Professor
Department of Family Medicine
Department of Orthopaedics / Division of Sports Medicine
University of Missouri School of Medicine

Education & Training

2010-2011 Fellow, Primary Care Sports Medicine
Department of Family Medicine / Division of Sports Medicine
University of California – Los Angeles

2007-2010 Resident Physician (Chief Resident 2009-2010)
Department of Family and Community Medicine
University of Missouri, Columbia, MO

2003-2007 University of Tennessee - Health Science Center
College of Medicine, Memphis, TN
M.D.

1999-2003 Tennessee Technological University, Cookeville, TN
B.S., *Summa cum laude*, 4.0 GPA, Chemistry

Honors

2012 “Teacher of the Year.” Family Medicine Residency Program, Department of
Family Medicine, University of Missouri.

Team Physician Experience

United States Soccer Federation

2014 Team Physician – Boys U-15 National Team Training Camp
Abu Dhabi, United Arab Emirates
Team Physician – U-23 United States Men’s National Team
Brasilia, Brazil

University of Missouri

2012-Present

Team Physician – Baseball (2012-2015), Volleyball (2014)
Physician – Athletic Department Pre-participation Physicals
Training Room Physician – All Athletic Teams
Integrated Healthcare Team – Medical Director (2015 – present)

University of California – Los Angeles

2010-2011

Team Physician – Men’s Soccer, Men’s Volleyball, Baseball,
Women’s Golf
Assistant Team Physician – Football
Training Room Physician – All Athletic Teams

Los Angeles Galaxy and Chivas USA – Major League Soccer

2011

Physician – Pre-participation Evaluations

Pepperdine University

2010

Physician – Athletic Department Pre-participation Physicals

El Segundo High School

2010-2011

Team Physician - Football
Training Room Physician – All Athletic Teams

Volunteer Sport and Event Coverage

2013 - 2016

Missouri Orthopaedic Institute (MOI) Sports Physicals and Combine Organizer and Physician

February 2013-2015

Missouri High School Wrestling Tournament – Match and Training
Room Physician
Columbia, MO

2012 - 2015

MOI Friday Night Lights Football Injury Clinic Physician

February 2011

Surf City Marathon – Race Physician
Huntington Beach, CA

October 2009

Midwest Collegiate Cycling Mountain Bike Regional Championships
– Medical Coordinator and Event Physician
Columbia, MO

Healthcare Innovation

October 2015

Missouri Tech Expo – ACL Gold Kinect Motion Analysis Pitch Presentation

March-June 2014, 2015

Techstars/Sprint Mobile Health Accelerator - Mentor
Kansas City, MO

2014-present

Physician EMR Council, MU Health Care – Member
Columbia, MO

December 2014

Digital Health Innovation Forum - Speaker
Kansas City, MO

September 2014

Stanford Medicine X Conference – Speaker
Palo Alto, CA

October 2014

Health IT Startups 101 - Organizer, Speaker
Columbia, MO

Gray AD, Cook JL. "Return to pitching after Tommy John surgery: letter to the editor." *American Journal of Sports Medicine*, 2014 Dec; 42(12).

Stone EE, Butler M, McRuer A, **Gray A**, Marks J, Scubic M. "Evaluation of the Microsoft Kinect for screening ACL injury." *Conf Proc IEEE Eng Med Biol Soc.* 2013; 2013:4152-5.

Works in Progress

"Gender Differences in Frontal and Transverse Plane Hip and Knee Kinematics during the Modified Star Excursion Balance Test".

Brad W. Willis, Swithin Razu, Kelli Baggett, Amirhossein Jahandar, Aaron Gray, Marjorie Skubic, Seth Sherman, Kyle Blecha, and Trent Guess.
Manuscript in review.

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

Aaron Gray, Scott Miller, Emily Leary, Jeff Marks, Trent Guess, Seth Sherman
Manuscript in progress

"Optional Protective Equipment Usage in Major League Baseball Batters."

Aaron Gray, Nick Timmerwilke

"Physical Pitch Characteristics using Pitch Tracking data in Major League Baseball Pitchers before and After Ulnar Collateral Reconstruction."

Aaron Gray, John Worley, Nate Goodwin, Todd Raines, Seth Sherman

National and Regional Presentations

"Epidemiology Of Severe Injuries Within NCAA Football, Wrestling, And Men's Ice Hockey, 2009/10 2014/15 Academic Years." Kay, Melissa C.; Register-Mihalik, Johna K.; **Gray, Aaron D.**; Dompier, Thomas P.; Kerr, Zachary Y. American College of Sports Medicine National Conference. Boston, MA. June 3, 2016.

"ACL Screening Tools to Help Prevent ACL Injury." College Athletic Trainers Society Spring Symposium. Invited Podium Presentation. Las Vegas, NV, May 13, 2016.

"Emerging Technologies." AMSSM Annual Meeting. Introduction and Session Moderator, Dallas, TX, April 19, 2016.

"EHR Happy Hours: A Unique Twist on Increasing Adoption." Cerner Health Conference. Presentation, Kansas City, MO, October 12, 2015.

"Update from Baseball Academia: What's New in Baseball Medical Research." Saber Seminar, Podium Presentation, Boston, MA, August 24, 2015. (<http://www.slideshare.net/thegraymatters/update-from-baseball-academia-whats-new-in-baseball-medical-research>)

"Back to the Diamond: An Update in Baseball Injuries." AMSSM Annual Meeting. Introduction and Session Moderator, Hollywood, FL, April 16, 2015.

“An Atypical Cause of Persistent Elbow Pain in a Recreational Athlete.” Poster Presentation with Samuel Thompson and Dr. Andrea Evenski at AMSSM Annual Meeting, Hollywood, FL, April, 2015.

“15-Year-Old Football Player with Chronic Knee Pain and Muscle Atrophy.” Poster Presentation with Sam Galloway, Dr. Andrea Evenski at AMSSM Annual Meeting, Hollywood, FL, April, 2015.

“MySmartVisit: Innovation in Medicine”. Digital Health Innovation Forum at Sprint Accelerator. Presentation, Kansas City, MO, December 4, 2014.

“Development of a Microsoft Kinect-based screening tool and video game intervention to decrease risk of ACL tears in female athletes.” Podium Presentation, Stanford Medicine X. Palo Alto, CA, September 6, 2014.

“Female Athlete Triad.” Podium Presentation, Missouri Athletic Trainers Association meeting, Columbia, MO, June 7, 2014.

“Sports Medicine and Physical Fitness.” Recorded Lecture, *Audio-Digest* Pediatric Board Review, April 2014.

“Video Games and Mobile Apps for Health and ACL Injury Prevention.” Video Conference Lecture for Kansas State Gaming and Immersive Environments Group, March 12, 2014.

“Common Musculoskeletal Issues in Children.” Missouri Society of the American College of Osteopathic Family Physicians, 2014 Winter Scientific Seminar, January 30, 2014.

“Spontaneous Humerus Fracture while Throwing a Softball.” Poster Presentation, American Medical Society of Sports Medicine 22nd Annual Meeting. San Diego, CA, April 18, 2013.

“These Boots Were Not Made For Walkin’: Toe Pain in a Pre-Teen Horseback Rider.” Poster Presentation, American Medical Society of Sports Medicine 22nd Annual Meeting. San Diego, CA, April 18, 2013.

“Efficacy of a Pre-Season Sideline Preparation Seminar for Team Physicians In-Training.” Poster Presentation, American Medical Society of Sports Medicine 22nd Annual Meeting. San Diego, CA, April 19, 2013.

“Youth Soccer Participation History in NCAA Division 1 Athletes.” Poster Presentation, American College of Sports Medicine 59th Annual Meeting. San Francisco, CA, May 31, 2012.

“Epidemic of ACL Injuries in Female Youth Athletes.” Podium Presentation, American College of Sports Medicine Central States Regional Meeting, Columbia, MO, October 19, 2012.

“Sickle Cell Trait in Athletes.” Continuing Education Course for Certified Athletic Trainers, Jefferson City, MO, August 2, 2012.

“Sudden Cardiac Death in Athletes.” Continuing Education Course for Certified Athletic Trainers, Jefferson City, MO, August 2, 2012.

“Youth Soccer Participation History in NCAA Division 1 Athletes.” Poster Presentation, American College of Sports Medicine 59th Annual Meeting. San Francisco, CA, May 31, 2012.

“Moving On and Burning Out - Reasons Youth Discontinue Sport Participation.” Poster Presentation, American Medical Society of Sports Medicine 21st Annual Meeting. Atlanta, GA, April 23, 2012.

“Triathlete with Right Sided Chest and Flank Pain: An Atypical Presentation of Pulmonary Embolism.” Poster Presentation, American Medical Society of Sports Medicine 18th Annual Meeting. Tampa, FL, April 27, 2009.

Local Presentations

“From the Lab to the High School Gym: ACL Risk Screening” Podium Lecture, Comparative Orthopedics Day, Missouri Orthopaedic Institute, University of Missouri, April 8, 2016.

“Comparison of Anterior Cruciate Ligament Rupture Rates in men’s and Women’s High School Soccer.” School of Medicine Research Day, Poster Presentation with Scott Miller, University of Missouri, November 2015.

“Knowledge Now Sports Medicine: Sports Concussions.” Parent and Coach Lecture, Missouri Orthopaedic Institute, University of Missouri, July 30, 2015.

“Concussion in Young Athletes.” Concussion in Student Athletes Seminar, Presentation to High School Coaches, Sedalia, MO, July 17, 2015.

“Can We Prevent ACL Tears in Female Athletes?” Family Medicine Department Colwill Seminar, University of Missouri. June 3, 2015.

“Adolescent Sports Medicine Update.” Common Childhood Problems Conference, Department of Pediatrics, University of Missouri, May 15, 2015.

“Pediatric Foot and Ankle Problems.” Presentation to Family Physicians, Family Medicine Update, University of Missouri, April 10, 2015.

“Can We Prevent ACL Tears in Female Athletes?” Grand Rounds, Department of Orthopaedics, University of Missouri, February 18, 2015.

“OpenNotes and Transparency in Medicine.” Family Medicine Department Resident Didactic Lecture, University of Missouri, January 5, 2015.

“OpenNotes at Mizzou.” Family Medicine Department Faculty Colwill Seminar. Didactic Lecture with Margaret Day and Jeff Belden, University of Missouri, December 6, 2014.

“Pitching Performance of Major League Baseball Pitchers Before and After Ulnar Collateral Ligament Reconstruction.” Poster Presentation, Health Sciences Research Day, School of Medicine, University of Missouri, November 13, 2014.

“Knee Exam: Lecture & Hands On Workshop.” Sports Medicine Interest Group, School of Medicine, University of Missouri, October 22, 2014.

“Sideline Sports Medicine.” Orthopaedic Department Resident Didactic Lecture, University of Missouri, May 13, 2014.

“Evidence Based Diagnosis and Management of Common Tendinopathies.” Sports Medicine Morning Conference, University of Missouri, May 9, 2014.

“Shoulder Pain in Adults: Evidence Based History, Exam and Management.” Family Medicine Update, University of Missouri, April 25, 2014.

“Knowledge Now Youth Sports: Baseball and Softball Injures--Prevention and Treatment.” Missouri Orthopaedic Institute, Columbia, MO, April 17, 2014.

“Joint Injection Workshop.” Family Medicine Department Resident Didactic Lecture, University of Missouri, April 1, 2014.

“Female Athlete ACL Injury Epidemic.” Grand Rounds Lecture, Physical Medicine and Rehabilitation Department, University of Missouri, December 13, 2013.

“Knowledge Now Sports Medicine: The Lifelong Runner.” Missouri Orthopaedic Institute, University of Missouri, December 12, 2013.

“Knowledge Now Sports Medicine: The Lifelong Runner.” Missouri Orthopaedic Institute, University of Missouri, November 14, 2013.

“Shoulder Exam: Lecture and Hands On Workshop.” Ortho Interest Group, School of Medicine, University of Missouri, October 30, 2013.

“Couch to 5k: Injury Prevention.” Community Lecture to the Public, August 1, 2013.

“Knee Cases.” Family Medicine Department Resident Didactic Lecture, University of Missouri, July 2, 2013.

“Pediatric Overuse Sports Injuries.” Family Medicine Department Resident Didactic Lecture, University of Missouri, June 4, 2013.

“Common Overuse Pediatric Sports Injuries.” 35th Annual Common Childhood Problems Conference, University of Missouri, May 18, 2013.

“Common Acute Pediatric Sports Injuries.” 35th Annual Common Childhood Problems Conference, University of Missouri, May 17, 2013.

“Common Sports Medicine Questions.” Family Medicine Department Resident Didactic Lecture, University of Missouri, May 7, 2013.

“Development and Evaluation of the Microsoft Kinect for Screening ACL Injury Risk in Female Athletes.” Podium Presentation, Comparative Orthopedics Laboratory Day, University of Missouri, April 26, 2013.

“Sports Dermatology.” Sports Medicine Morning Conference, University of Missouri, April 26, 2013.

“Identification of Clinical Needs in Family Medicine and Sports Medicine: Speed Dating for Entrepreneurs.” Biomedical Innovators Group, University of Missouri, April 22nd, 2013.

“Lower Extremity Musculoskeletal Cases.” Family Medicine Department Resident Didactic Lecture, University of Missouri, April 2, 2013.

“Couch to 5k: Injury Prevention.” Community Lecture to the Public, March 14, 2013.

“Development of the Microsoft Kinect for Screening ACL Injury Risk in Female Athletes and Future Potential with this Technology.” Center for Eldercare and Rehabilitation Technology Research Group, Department of Electrical and Computer Engineering and Computer Science, University of Missouri, February 19, 2013.

“Female Athlete Triad in Collegiate Athletes.” Strength and Conditioning Coaches and Certified Athletic Trainers, Athletic Department, University of Missouri, February 18, 2013.

“Female Athlete Triad.” Sports Medicine Morning Conference, University of Missouri, December 7, 2012.

“Female Athlete Triad.” Family Medicine Department Resident Didactic Lecture, University of Missouri, December 4, 2012.

“Becoming a Family Medicine and Sports Medicine Physician.” Premedical Society, University of Missouri, November 15, 2012.

“Comparison of Anterior Cruciate Ligament Rupture in Men’s and Women’s High School Soccer.” Poster Presentation, University of Missouri Health Sciences Research Day. Columbia, MO, November 15, 2012.

“Upper Extremity Cases and Board Prep.” Family Medicine Department Resident Didactic Lecture, University of Missouri, November 6, 2012.

“Couch to 5k: Injury Prevention.” Community Lecture to the Public, November 1, 2012.

“Shoulder Exam Lecture and Workshop.” Orthopaedic Interest Group, School of Medicine, University of Missouri, October 25, 2012.

“Video Games and Mobile Apps for Health and Healthcare.” Colwill Seminar, Department of Family Medicine, University of Missouri, October 24, 2012.

“Couch to 5k: Injury Prevention.” Community Lecture to the Public, October 18, 2012.

“Common Fractures.” Family Medicine Department Resident Didactic Lecture, University of Missouri, October 2, 2012.

“Epidemic of ACL Injuries in Female Youth Athletes.” Sports Medicine Physicians and Physical Therapists Noon Conference, September 24, 2012.

“Microsoft Kinect for Injury Prevention and Rehab.” Microsoft Application Development Lab Grand Opening, Reynolds Journalism Institute, University of Missouri, September 6, 2012.
(<http://rjionline.org/microsoft-lab> skip to 23:45)

“Concussions in Youth Athletes.” Youth Football Coaches, Columbia Youth Football League, Columbia, MO, August 15, 2012.

“Sports Concussions in Youth.” Department of Pediatrics Grand Rounds, University of Missouri, August 3, 2012.

“Diagnosis and Management of Common Tendinopathies.” Family Medicine Update, University of Missouri, April 25, 2012.

“An In-depth Look at the Pre-participation Physical Evaluation.” Didactic lecture, Family Medicine Residents, University of Missouri, May 1, 2012.

“Primary Care Sports Medicine Introduction and Knee Exam Workshop.” Didactic lecture and Physical Exam Workshop, Family Medicine Interest Group, University of Missouri School of Medicine, April 5, 2012.

“Common Foot and Ankle Injuries in Primary Care.” Didactic lecture, Family Medicine Residents, University of Missouri, January 3, 2012.

“Pediatric Knee Exam and Workshop.” Didactic lecture, Pediatric and Med/Peds Residents, University of Missouri, September 29, 2011.

“Common Running and Cycling Injuries.” Lecture, Triathlon Club, University of Missouri, November 3, 2011.

“Pediatric Shoulder Exam and Workshop.” Didactic lecture, Pediatric and Med/Peds Residents, University of Missouri, November 2, 2011.

“Evaluation and Treatment of the Painful Shoulder.” Didactic lecture, Family Medicine Residents, University of Missouri, October 4, 2011.

“Evaluation and Management of Shoulder Pain.” Grand Rounds, Northridge Hospital Medical Center, Northridge, California, March 4, 2011.

“Management of Concussion in the Competitive Athlete.” Orthopedic and Primary Care Sports Medicine Noon Conference, University of California – Los Angeles, September 8, 2010.

“Primary Care Sports Medicine: So What Exactly Do You Do?” Family Medicine Interest Group, University of California – Los Angeles, December 8, 2010.

“Sudden Cardiac Death in Young Athletes.” Grand Rounds for Faculty, Residents and Medical Students, Department of Family & Community Medicine, University of Missouri, July 22, 2009.

“An In-depth Look at the Pre-participation Physical Evaluation.” Didactic lecture, Family Medicine Residents, University of Missouri, June 2, 2009.

Grants

2016	Co-Principal Investigator National Institutes of Health Portable Motion Analysis System for Identifying ACL Injury Risk in Female Adolescent Athletes	\$ 1,801,652 Not funded
2014	Principal Investigator Mizzou Advantage University of Missouri Portable, inexpensive motion analysis system to identify female athletes at high risk of knee anterior cruciate ligament (ACL) tear	\$50,000
2013	Co-Investigator Mizzou Advantage - Media of the Future University of Missouri Development of a biomechanical assessment tool for pianists to detect poor technique that leads to increased risk for injury.	\$25,000
2013	Principal Investigator Coulter Translational Partnership Program Bridge Funding University of Missouri Portable, inexpensive motion analysis system to identify female athletes at high risk of knee anterior cruciate ligament (ACL) tear	Finalist, not funded
2012	Mizzou Advantage Faculty Development Grant to Attend “Games for Health Conference” in Boston, MA	Funded
2011	Principal Investigator Americans In Motion – Healthy Interventions Family Medicine Residency Program Childhood Obesity Grant “Tackling Childhood Obesity and Physical Inactivity with an After School Soccer Program”	Grant not funded

Media Interviews

“Target 8: Concussion Gender Disparity.” TV news interview on KOMU. Columbia, MO 5/20/16.
(<https://www.iqmediacorp.com/ClipPlayer/?ClipID=e4719f9f-d175-4840-8a83-a2593930300f&ps=2>)

“TARGET 8: Adopting baseball protection difficult because of stigma.” TV news interview on KOMU. Columbia, MO 5/19/16. (<http://www.komu.com/news/target-8-adopting-baseball-protection-difficult-because-of-stigma/>)

“Video Game Technology Could Help Athletes Avoid Knee Injuries.” Newsy.com interview. Columbia, MO 4/25/16. (<http://www.newsy.com/videos/video-game-technology-could-help-athletes-avoid-knee-injuries/>)

“The CVASP Podcast - Episode 29. ACL Injury Reduction.” Podcast, Interview with host Jay DeMayo. 3/30/16. (<https://www.dropbox.com/s/ed9xr6rz9i2xqlm/The%20CVASP%20Podcast%20Episode%2029-%20University%20of%20Missouri%27s%20Dr.%20Aaron%20Gray-ACL%20Injury%20Reduction.mp4?dl=0>)

“Cracking the Code.” Brandon Hoops, Columbia Business Times, 1/25/16. (<http://columbiabusinesstimes.com/2016/01/25/cracking-the-code/>)

“ACL at Risk. Can a repurposed peripheral help young athletes stay in the game?” Anita Neal Harrison, Illumination, Fall/Winter 2015. (http://illumination.missouri.edu/f15/acls_at_risk)

“TARGET 8: Plans for dealing with head injuries vary by high school.” TV news interview on KOMU. Columbia, MO, 3/11/15. (<http://www.komu.com/news/more-youth-injury-prevention-needed-as-sports-seasons-begin/>)

“Injured? Fear Is Your Biggest Enemy.” Shelby Carpenter, OutsideOnline.com, 2/24/15. (<http://www.outsideonline.com/1930501/injured-fear-your-biggest-enemy>)

“TARGET 8: Plans for dealing with head injuries vary by high school.” TV news interview on KOMU. Columbia, MO, 10/30/14. (<http://www.komu.com/news/target-8-plans-for-dealing-with-head-injuries-vary-by-high-school/>)

“Business Beat: Start-up weekend spurring healthcare IT innovation, Food waste as an opportunity.” Podcast, Interview with host Elizabeth Tharakan, KBIA.org, 10/1/14. (<http://kbia.org/post/business-beat-start-weekend-spurring-healthcare-it-innovation-food-waste-opportunity#stream/0>)

“Working the Count: The Five-Day Pitcher Injury Zone.” Noah Woodward, Baseballprospectus.com, 5/30/14. (<http://www.baseballprospectus.com/article.php?articleid=23679>)

“Football Helmets Overlooked Piece of the Concussion Puzzle.” TV news interview on KOMU. Columbia, MO, 10/6/13. (<http://www.komu.com/news/football-helmets-overlooked-piece-of-the-concussion-puzzle/>)

“More than Fun and Games - Dr. Aaron Gray hopes to use video game technology to prevent ACL injuries.” Mizzou Alumni Magazine. May 21, 2013. (<https://mizzomag.missouri.edu/2013/05/more-than-fun-and-games/>)

“Injury Prevention in Youth Baseball.” News Interview with reporter Brandon Weiss on KOMU. Columbia, MO, to be aired week of 5/6/13.

“Mobile Apps Encourage Healthy Work Outs.” News interview with reporter Mychaela Bruner on KOMU. Columbia, MO, November 13, 2012. (<http://www.komu.com/news/mobile-apps-encourage-healthy-work-outs/>)

“Doctors Lounge Radio Show - Sports Concussions/Mild Traumatic Brain Injuries.” Special Guest with Host Dr. Casey Williams on KCOU. Columbia, MO, September 20, 2012.

Doctors Warn of Concussions in Young Athletes.” News interview with reporter Mychaela Bruner on KOMU. Columbia, MO, September 19, 2012. (<http://www.komu.com/news/enterprise-concussions-in-young-athletes/>)

“How to Watch for Signs of Concussion.” *Columbia Tribune*, August 24, 2012.

(<http://www.columbiatribune.com/news/2012/aug/24/how-watch-signs-concussion/?familylife>)

“Doctors Lounge Radio Show - Physical Activity, Sports Medicine, and Social Networking Technology in Medicine” Special Guest with Host Dr. Casey Williams on KCOU. Columbia, MO, March 23, 2012.

“Participating in Multiple Sports Can Prevent Overuse Injuries.” *Columbia Tribune*, February 17, 2012.

(<http://www.columbiatribune.com/news/2012/feb/17/participating-in-multiple-sports-can-prevent/>)

Certifications and Licensure

Board Certified, American Board of Family Medicine	2010-2017
Certificate of Added Qualifications in Sports Medicine	2011-2021
Missouri Board of Healing Arts, Medical License #2011019225	2011-present

Professional Society Memberships

2008 - present	American Medical Society of Sports Medicine
2010 - present	American College of Sports Medicine
2003 - 2010	American Academy of Family Physicians

Conferences & Educational Courses

2016	American College of Sports Medicine 63rd Annual Meeting, Boston, MA
2016	American Medical Society of Sports Medicine 25th Annual Meeting, Dallas, TX
2015	Saber Seminar, Boston, MA
2015	American College of Sports Medicine 62nd Annual Meeting, San Diego, CA
2015	American Medical Society of Sports Medicine 24th Annual Meeting, Hollywood, FL
2014 & 2015	Cerner Health Conference, Kansas City, MO
2014	Stanford Medicine X: The Intersection of Medicine and Emerging Technologies, Palo Alto, CA
2014	American Medical Society of Sports Medicine 23rd Annual Meeting, New Orleans, LA
2013	American College of Sports Medicine 60 th Annual Meeting, Indianapolis, IN
2013	American Medical Society of Sports Medicine 22 st Annual Meeting, San Diego, CA
2013-15	Major League Soccer Medical Symposium, Fort Lauderdale, FL
2012	Games for Health Conference, Boston, MA

2012	American College of Sports Medicine 59 th Annual Meeting and 3rd World Congress on Exercise is Medicine, San Francisco, CA
2012	American Medical Society of Sports Medicine 21 st Annual Meeting, Atlanta, GA
2011	American College of Sports Medicine 58 th Annual Meeting and 2rd World Congress on Exercise is Medicine, Denver, CO
2011	American Medical Society of Sports Medicine 20 th Annual Meeting, Salt Lake City, UT
2010 – 2011	UCLA Medical School Faculty Development Monthly Seminars, Los Angeles, CA
2010	UCLA Musculoskeletal Ultrasound Course, Los Angeles, CA
2010	American Medical Society of Sports Medicine Fellows Research Conference, Carlsbad, CA
2009	American Medical Society of Sports Medicine 18 th Annual Meeting, Tampa, FL
2009	American Academy of Family Physicians Chief Resident Leadership Conference, Kansas City, MO

Leadership Roles

2014-present	Medical Director, Athletic Training Program, School of Health Professions, University of Missouri
2014-present	AMSSM Social Media Sub-Committee Chairman
2014-present	Founding Advisor, Sports Medicine Interest Group, School of Medicine, University of Missouri
2014-present	Member, Physician EMR Council, MU Health Care
2012-2014	AMSSM Internet Sub-Committee Chairman

Committees

2014 - 2016	AMSSM Annual Meeting Program Planning Committee
2014 - present	AMSSM Communications Committee
2012 - 2013	Missouri American Academy of Pediatrics Committee on Sports Medicine and Fitness
2012 - 2014	Resident Clinical Competency Committee, University of Missouri Family Medicine Residency, Columbia, MO
2011 - 2014	Internet Committee, American Medical Society of Sports Medicine
2010 - 2011	Athletic Care Committee for High Risk Student Athletes, UCLA Department of Athletics, Los Angeles, CA
2009 - 2010	Computer Physician Order Entry Work Flow Team, University of Missouri Hospital, Columbia, MO
2009 - 2010	Residency Management Committee, University of Missouri Family Medicine Residency, Columbia, MO
2009 - 2010	House Staff Officer Executive Committee, University of Missouri Graduate Medical Education, Columbia, MO
2003 - 2007	Honor Council, University of Tennessee Health Science Center, College of Medicine, Memphis, TN

Student & Resident Teaching

2016	Medical Director, Primary Care Sports Medicine Elective, School of Medicine, University of Missouri.
2015 - 2016	Digital Smarts for Medical Students, developed curriculum and lectured 1 st and 3 rd year medical students on responsibilities and opportunities of social media in medicine
2015 – present	Lecturer for Family Medicine Clerkship on History and Exam of the Shoulder and Knee, School of Medicine, University of Missouri
2013 - 2014	MUlation table leader for career advice to medical students. School of Medicine, University of Missouri
2012 - present	Summer Research Fellowship Mentor, School of Medicine, University of Missouri
2012 - present	Clinical Preceptor of Third Year Medical Students on Family Medicine Clerkship, School of Medicine, University of Missouri
2011 - 2013	Musculoskeletal and Sports Medicine Didactics Curriculum Coordinator, Family Medicine Residency, University of Missouri
2011 - present	Preceptor for family medicine residents on Sports Medicine rotation in Primary Care Sports Medicine clinic, University of Missouri
2010 - 2011	Bimonthly Lecture to Third Year Medical Students during Family Medicine Clerkship on History and Exam of the Shoulder, Knee, and Ankle, School of Medicine, University of California – Los Angeles
2008 - 2010	Clinical Preceptor of Third Year Medical Students for Four to Six Half Days Monthly, School of Medicine, University of Missouri