

CURRICULUM VITAE
JULIE C. WILSON, MD
ASSOCIATE PROFESSOR OF ORTHOPEDICS AND PEDIATRICS

CURRENT POSITION

Associate Professor, Departments of Orthopedics and Pediatrics
University of Colorado School of Medicine (CUSOM)
Attending Physician, Sports Medicine Center, Orthopedics Institute
Co-Director, Concussion Program, Orthopedics Institute
Co-Medical Director of Informatics, Orthopedics Institute
Outreach Club Co-Medical Director, Sports Medicine Center
Children's Hospital Colorado (CHCO)
13123 E. 16th Avenue B060, Aurora, CO 80045

EDUCATION

1999-2003 BS - **Saint Vincent College**, Latrobe, Pennsylvania
2003-2007 MD - **University of Michigan Medical School**, Ann Arbor, Michigan
2007-2010 **University of Colorado and Children's Hospital Colorado**, Aurora, Colorado
Pediatric Internship and Residency
2010-2011 **Nationwide Children's Hospital (NCH)**, Columbus, Ohio
Primary Care Sports Medicine Fellowship

ACADEMIC APPOINTMENTS

2010-2011 Clinical Instructor, Ohio State University College of Medicine
2011-2013 Assistant Professor, Department of Pediatrics, Ohio State University College of Medicine
2013-present Assistant Professor, Department of Orthopedics, CUSOM
2019-present Secondary appointment in General Academic Pediatrics, Department of Pediatrics, CUSOM

PROFESSIONAL POSITIONS

2011-2013 Pediatric Sports Medicine physician
Nationwide Children's Hospital, Columbus, Ohio
2013-present Pediatric Sports Medicine physician
Sports Medicine Center, Orthopedics Institute, CHCO

HONORS AND AWARDS

2021 CHCO Provider of the Month (May)
2015-2016 CUSOM Women's Leadership Training Course
2013 Nationwide Children's Hospital - Nominated for *Innovation Award* – award honoring innovation in teaching, quality improvement, research and/or clinical care
2003 University of Michigan Medical School
Dean's Commendation for Excellence in Clinical Skills and the Art of Medicine
Academic Recognition Award (graduated among top 5 students in class)
Alpha Omega Alpha (AOA)

PROFESSIONAL ORGANIZATION MEMBERSHIP

2007-present American Academy of Pediatrics (AAP)
2009-present American Medical Society for Sports Medicine (AMSSM)
2010-present American College of Sports Medicine (ACSM)
2011-present AAP Council on Sports Medicine and Fitness (AAP-COSMF)
2018-present Pediatric Research in Sports Medicine (PRISM) Society

COMMITTEE AND SERVICE RESPONSIBILITIES

Departmental

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2008–2010 CHCO Pediatric Residency Program Committee member
2010–2013 NCH Sports Medicine Education Committee – member
2013–present CHCO Concussion Program – Co-director
2014–2019 CHCO Orthopedics Epic superuser
2014–present CHCO Sports Medicine Center Clinic Efficiency committee – physician advisor
2016–present CHCO Advanced Care of the Young Athlete Symposium planning committee member
2019-present CHCO Orthopedics Clinical Informatics co-medical director
2019-present CHCO Sports Medicine Center Outreach Club co-medical director

Hospital

2015–2016 CHCO Concussion Clinical Care Guidelines – physician champion
2018-present CHCO Clinical Informatics Council member
2019-present CHCO Clinical Informatics Ambulatory Governance Committee member
2020-2022 CHCO Scientific Advisory Council (COVID-19 return to sports guidance)

National

2013–present AMSSM Research committee member
Research abstract reviewer 2015-2017, 2020, 2021
2015–2016 Epic Pediatric Orthopedics national working group – Sports Medicine committee member
2017–2018 AMSSM Concussion position statement writing group member
2018–present US Soccer volunteer team physician – U14-17 girls' national teams
2019–present PRISM Concussion research interest group member
2021–present PRISM Diversity Committee member

Community Organizations

2010–2012 Kenyon College team physician
2010–2013 Canal Winchester High School team physician
2012–2013 YMCA of Central Ohio – Swim program advisor
2012–2013 Fitness and Nutrition (FAN) Club advisory board member
2013–2019 Thornton High School team physician
2013–present Real Colorado Soccer medical director
2014–present Colorado Rush soccer medical director
2018–2021 Real Edge Colorado soccer physician lead

LICENSURE AND BOARD CERTIFICATION

2010-present Board Certified in Pediatrics, American Board of Pediatrics
2011-present Certificate of Added Qualification in Sports Medicine (CAQSM), American Board of Pediatrics
2010-2014 Ohio State Medical Board, inactive, unrestricted medical license
2013-present Colorado Medical Board, active, unrestricted medical license
2019 Epic PowerUser Certification
2019 Epic Physician Builder Certification
2020 Epic Physician Analytics Certification

INVITED LECTURES

National/International

1. **Society of Nuclear Medicine and Molecular Imaging** Annual Meeting invited lecture: Utilization of Nuclear Medicine from a Pediatric Sports Medicine Professional. Denver CO, June 2017.

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2. **National Athletic Trainer's Association** Annual Meeting PRISM Exchange lecture: Juvenile Osteochondritis Dissecans: Diagnosis and Non-operative Management. New Orleans LA, June 29, 2018.
3. **Manchester United Football Club** Sports Medicine 2020 Conference lecture: Optimizing Recovery and Return to Play after Pediatric Concussion. Manchester, England, November 13, 2020.
4. **PRISM** Annual Meeting Instructional Course Lecture: Dual-Task Paradigms for Concussion Management: Translation from the Laboratory to Clinical Implementation. Virtual meeting format. January 27-30, 2021.
5. **AMSSM** 2021 Annual Meeting - Sports Medicine Masqueraders session: Unmasking Challenging Diagnoses from Head to Toe: When Knee Pain Isn't Knee Pain in Pediatrics. Virtual meeting format. April 18, 2021.
6. **Steadman Philippon Research Institute and US Olympic & Paralympic Committee** 4th Annual Injury Prevention Symposium feature presentation: Preventing prolonged recovery in pediatric concussion: where do we start? Virtual meeting format. April 29, 2021.

Regional

1. **Rocky Mountain Athletic Trainers Association** Annual Meeting invited lecture: Female Athlete Triad in Adolescent Athletes. Albuquerque NM. April 2016.
2. **Rocky Mountain Regional Chapter Society for Adolescent Health and Medicine:** Hot Topics in Adolescent Health invited lecture: Getting Back Up Again: Facilitating Recovery in Adolescent Concussion. Aurora CO, October 2019.

Local/State (Symposia and invited lectures)

1. **Greater Columbus Athletic Trainers Society Meeting** invited lecture: Complex regional pain syndrome in children. Westerville OH, September 2011.
2. **NCH** Pediatric Sports Medicine and Orthopedics Conference invited lecture: Nutritional Demands in the Young Athlete. Columbus OH, November 2012.
3. **CHCO** Advanced Care of the Young Athlete Symposium: Concussion Update: Where are we now? Aurora CO, November 2014.
4. **University of Colorado Sports Medicine (CUSM)** On the Field Management of the Injured Athlete Symposium invited lecture: Physeal Injuries. Denver CO, August 2015.
5. **CUSM** On the Field Management of the Injured Athlete Symposium invited lecture: High Risk Stress Fractures. Denver CO, August 2015.
6. **CHCO** Advanced Care of the Young Athlete Symposium invited lecture: Female Athlete and Nutritional Considerations in Bone Stress Injuries. Aurora CO, November 2015.
7. **Regis University** course (*Justice and the Common Good: The NFL Concussion Litigation*) guest lecturer: Concussions in Youth Sports. Denver CO, September 2016.
8. **CHCO** Concussion and the Classroom: A Symposium on Mild Traumatic Brain Injury invited lecture: Concussion Management for Athletes & What This Means for Student Non-Athletes. Aurora CO, September 2016.
9. **CHCO** Advanced Care of the Young Athlete Symposium workshop: Case Studies in Hand & Wrist Injuries. Aurora CO, November 2016.
10. **CHCO** Pediatric Advanced Practice Conference invited lecture: Updates in Concussion Diagnosis and Management. Aurora CO, February 2017.
11. **CUSM** On the Field Management of the Injured Athlete Symposium invited lecture: Physeal Injuries. Denver CO, August 2017.
12. **CUSM** On the Field Management of the Injured Athlete Symposium invited lecture: Apophyseal Injuries. Denver CO, August 2017.
13. **Regis University** course (*Justice and the Common Good: The NFL Concussion Litigation*) guest lecturer: Concussions in Youth Sports. Denver CO, September 2017.

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14. **CHCO** O'Neil Conference invited lecture: Pediatric Sport-Related Concussion: Incidence, Initial Assessment, Diagnosis and Management. Aurora CO, September 2017.
15. **CHCO** Advanced Care of the Young Athlete Symposium invited lecture: Concussion prevention: What's the evidence? Aurora CO, November 2017.
16. **Colorado Society of Advanced Practice Nurses** invited lecture: Updates in Concussion Diagnosis and Management. Littleton CO, August 2018.
17. **CHCO** Concussion and the Classroom 2.0: A Symposium on Mild Traumatic Brain Injury workshop: Return to Activity: The Why, When and How to Assist Athletes and Non-Athletes After Concussion. Aurora CO, September 2018.
18. **CHCO** Concussion and the Classroom 2.0: A Symposium on Mild Traumatic Brain Injury invited lecture: Concussion Management for Athletes & What This Means for Student Non-Athletes. Aurora CO, September 2018.
19. **Regis University** course (*Justice and the Common Good: The NFL Concussion Litigation*) guest lecturer: Concussions in Youth Sports. Denver CO, February 2019.
20. **Colorado Athletic Trainer's Association** Annual Clinical Symposium feature presentation: Advancing Concussion Care: Recognition, Recovery and Return to Play Considerations. Englewood CO, July 2019.
21. **CHCO** Mild TBI Symposium for Community Healthcare Providers on Youth Concussion in the Primary Care Setting: Best Practice Recommendations for Athletics and the Classroom. Management for Athletes: Return to Play and Prevention. Aurora CO, August 2019.
22. **University of Denver Master's in Sport & Performance Psychology** course (Human Growth & Development) guest lecturer: Hot Topics in Youth Sports – Concussions and Sport Specialization, Denver CO, February 2020.

Local (Continuing education)

1. **NCH Sports Medicine** Athletic Trainer In-Service: Cardiovascular disease and screening in the young athlete. Westerville OH, January 2011.
2. **NCH Center for Healthy Weight and Nutrition** In-Service: Musculoskeletal considerations in obese children and adolescents. Columbus OH, March 2011.
3. **NCH Sports Medicine** Athletic Trainer In-Service: Complex regional pain syndrome in children. Westerville OH, May 2011.
4. **NCH** Lounge and Learn series: Performance Enhancing Substances. Columbus OH, September 2011.
5. **CHCO** Lunch and Learn series: Concussion Update. Advanced Pediatrics, Centennial CO, February 2014.
6. **CHCO** CME series: Care of the Youth Athlete: Overuse Injuries and Sports Specialization. Parker CO, March 2014.
7. **CHCO** Lunch and Learn series: Concussion Update. Advanced Pediatrics, Aurora CO, March 2014.
8. **CHCO** CME series: Concussion Update for PCPs. Highlands Ranch CO, October 2014.
9. **CHCO** Physical Therapy In-service: Care of the Young Athlete: Overuse Injuries. Colorado Springs CO, February 2015.
10. **CHCO** Athletic Trainer In-service: Exertional Heat Illness: Prevention, Diagnosis and Management. Aurora CO, September 2015.
11. **CHCO** Physical Therapy In-service: Return to Play Considerations and the Role of Aerobic Training in Concussion Management. Aurora CO, March 2016.
12. **CHCO** Lunch and Learn series: Concussions. Arapahoe Park Pediatrics, Highlands Ranch CO, August 2016.
13. **CHCO** CME lecture: Dazed & Concussed: A Case-Based Approach to Concussion Diagnosis, Management and Return to Play Decisions. Denver CO, August 2016.
14. **CHCO** Lunch and Learn series: Concussions. Arapahoe Park Pediatrics, Littleton CO, August 2016.

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15. **Aurora Public Schools** Athletic Trainer In-service: Concussion Management. Aurora CO, November 2016.
16. **CHCO** Lunch and Learn series: Concussions. Ranchview Family medicine, Lone Tree CO, April 2017.
17. **CHCO** CME lecture: Updates in Concussion Diagnosis and Management. Denver CO, August 2017.
18. **CHCO** Lunch and Learn ECHO-lite series: Concussions. Aurora CO, September 2017.
19. **CHCO** CME series: Updates in Concussion Diagnosis and Management. Centennial CO, October 2017.
20. **CHCO** Neurology Nursing education series: Pediatric Concussion: Updates in Diagnosis and Management. Aurora CO, August 2018.
21. **CHCO** CME series: Updates in Pediatric Sport-Related Concussion. Wheat Ridge CO, September 2018.
22. **CHCO** Lunch and Learn PEAKS session: Concussions. Aurora CO September 2018.
23. **CHCO** Lunch and Learn: Pediatric Concussions. Littleton CO, June 2019.
24. **CHCO** Lunch and Learn Virtual Education Series: Pediatric Concussions. Aurora CO, October 2019.
25. **CHCO** Teleconference lecture for Vail Health acute care providers: Updates in Pediatric Concussion, December 2019.
26. **CHCO** Continuing education series for athletic trainers: Aerobic Exercise in Pediatric Sport-Related Concussion Recovery, July 2021.

Community Outreach

1. **Olentangy Schools Health Fair**: Burnout vs superstar – it's a fine line. Keeping kids safe and healthy in sports. Delaware OH, April 2011.
2. **Colorado Cutthroats Youth Hockey Clinic**: Concussions in Youth Sports. Aspen CO, January 2014.
3. **Overland HS Pre-Health Club**: Careers in Sports Medicine. Aurora CO, February 2014.
4. **Adams 12 Coaches Clinic**: Concussion Training for Coaches. Westminster CO, August 2014.
5. **Mothers of Boys** community group: Sports Related Concussions. Englewood CO, October 2014.
6. **Colorado Rush Soccer club**: Concussion Training for Soccer Coaches. Highlands Ranch CO, February 2015.
7. **Cheyenne School District** outreach talk: Concussions: What You Need to Know. Cheyenne WY, February 2015.
8. **Pediatric Health Care Career Night for HS Students**: Pediatric Sports Medicine. Highlands Ranch CO, April 2015.
9. **Bishop Machebeuf HS** coach, athlete and parent presentation: Concussions 101: What You Need to Know. Denver CO, September 2015.
10. **Colorado Rush Soccer club**: Concussion Training for Soccer Coaches. Highlands Ranch CO, March 2016.
11. **Great West Financial** Lunch & Learn: Concussions. Greenwood Village CO, July 2016.
12. **Broncos Moms Football Safety Clinic**: Concussions: What You Need to Know. Denver CO, September 2016.
13. **Cherry Creek Schools Extended Child Services** Fall Conference: Concussions: What You Need to Know. Greenwood Villages CO, September 2016.
14. **Broncos Moms Football Safety Clinic**: Concussions: What You Need to Know. Denver CO, June 2017.
15. **Colorado High School Coaches' Association** Multi-Sports Clinic: Concussion Training for Coaches. Aurora CO, July 2019.
16. **Adams 12 School District**: Concussion Training for Coaches. Thornton CO, February 2020.

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TEACHING RECORD

Fellows

1. **NCH Sports Medicine Fellowship Case Conference:** Wrist pain and hand contractures after a FOOSH injury. Aug 2010.
2. **NCH Sports Medicine Fellowship Case Conference:** Chronic groin pain in an adolescent male basketball player. Sept 2010.
3. **NCH Sports Medicine Fellowship Case Conference:** Lumbar facet stress fractures: atypical cause of low back pain in 2 adolescent female athletes. Oct 2010.
4. **NCH Sports Medicine Fellowship Case Conference:** Fishtail deformity as a complication of a supracondylar humerus fracture presenting as elbow pain in a Little League baseball player. Dec 2010.
5. **NCH Sports Medicine Fellowship Case Conference:** Reverse Bankart injury as a result of recurrent shoulder subluxation. Jan 2011.
6. **NCH Sports Medicine Fellowship Case Conference:** Grade 2 spondylolisthesis in a high school football player. Feb 2011.
7. **NCH Sports Medicine Fellowship Case Conference:** Atraumatic knee effusion in an adolescent female basketball player. Mar 2011.
8. **NCH Sports Medicine Fellowship Case Conference:** Anterior sternoclavicular dislocation in a lacrosse player. May 2011.
9. **NCH Sports Medicine Fellowship Lecture:** Gymnastics and Cheerleading Injuries. Jan 2012, Jan 2013.
10. **NCH Sports Medicine Fellowship Lecture:** Scoliosis. Feb 2012, Aug 2012, July 2013.
11. **NCH Sports Medicine Fellowship Lecture:** Osteochondritis Dissecans in Children and Adolescents. Feb 2013, July 2013.
12. **AMSSM Fellows Research and Leadership Conference:** Small group leader. Boulder CO. July 2014. 2020, 2021.
13. **CHCO Emergency Department fellow lecture series:** Shoulder Evaluation & Injuries. Dec 2015.
14. **CUSM Fellowship lecture:** Juvenile Osteochondritis Dissecans. Oct 2017, Oct 2018.
15. **CUSM Fellowship lecture:** Sport-Related Concussion: Beyond the Basics. April 2020.
16. **CUSM Fellowship lecture:** Concussion Evaluation & Initial Management. July 2021.

Residents

1. **The Children's Hospital Residency Supervisor's Conference:** The Pre-Participation Physical Exam – May 2010
2. **NCH Pediatric Residency Applied Pediatric Skills Series:** Foot & Ankle Physical Examination – May 2012, May 2013
3. **NCH Pediatric Residency lecture:** Sports Pre-Participation Evaluations – June 2013
4. **Rose Family Medicine Residency lecture:** Pediatric Sport-Related Concussion: Diagnosis and Management – Jan 2018
5. **CHCO Pediatric Intern Centennial block:** pediatric musculoskeletal evaluation. Developed curriculum for quarterly didactic lecture and hands-on workshop – Feb 2018, Apr 2018, Jul 2018, Nov 2018, Feb 2019, Apr 2019, Jul 2019, Nov 2019
6. **CHCO Pediatric Senior Resident Academic half day:** concussion evaluation - June 2018, December 2019. Developed didactic curriculum.
7. **CHCO Pediatric Senior Resident Academic half day:** shoulder evaluation - December 2019. Developed didactic curriculum.
8. **CHCO Pediatric Orthopedics lecture series:** Musculoskeletal Injury after Concussion: Why Concussion History Matters in Orthopedics, Aug 2020.
9. **CHCO Pediatric Orthopedic Education series:** Sport-Related Concussion: Return to Play Decisions and Prevention Strategies, December 2020.
10. **CHCO Sports Physical Therapy Residency lecture series:** Concussion Evaluation & Initial Management. August 2021.

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Medical Students

1. **Ohio State University** Medical Student Lecture, Family Medicine Clerkship. Physical examination skills for the knee and shoulder. Quarterly workshop - 2010-2011
2. **CUSOM** Foundations of Doctoring small group facilitator: Musculoskeletal physical exam – Feb 2017, Feb 2018, Feb 2019

GRANT FUNDING

Current Funding

1. Project: A multifaceted and interdisciplinary approach to improving pediatric concussion outcomes
Funding Agency: Tai Foundation Award Dates: 11/01/2020-10/31/2023
Amount: \$200,000 Role: Co-Investigator % funded effort: 0%
2. Project: Early exercise prescription to improve outcomes in pediatric concussion patients
Funding Agency: CHCO Clinical, Operational Effectiveness and Patient Safety (COEPS) small grants program Award Dates: 8/1/2019-8/1/2022
Amount \$24,946 Role: Principal investigator % funded effort: 0%
3. Project: Understanding How Sleep Health Affects Recovery from Adolescent Concussion
Funding Agency: Colorado Clinical and Translational Sciences Institute (CCTSI)
Award Dates: 5/1/2022-4/30/2023
Amount \$30,000 Role: Co-Investigator % funded effort: 0%

Prior Funding

1. Project: Evaluation of a Simple Test of Reaction Time in the Diagnosis and Management of Concussions in High School Athletes
Funding Agency: The Research Institute at Nationwide Children's Hospital
Award Dates: 10/01/2011-9/30/2013
Amount \$2906 Role: Co-investigator % funded effort: 0%
2. Project: Evaluation of a Simple Test of Reaction Time in the Diagnosis and Management of Concussions in High School Athletes
Funding Agency: AMSSM Young Investigator Grant Award Dates: 2/15/2013-2/15/2014
Amount \$3410 Role: Co-investigator % funded effort: 0%
3. Project: Impact of a Cervical Strengthening Program on Concussion Incidence in Adolescent Athletes
Funding Agency: AMSSM Young Investigator Grant Award Dates: 1/5/2015-1/5/2016
Award \$5000 Role: Principal investigator % funded effort: 0%
4. Project: Electrophysical Data Analysis Methods to Predict mTBI clinical outcomes
Funding Agency: Gabriella Molnar Pediatric Physical Medicine & Rehabilitation Research Grant
Award Dates: 6/2/2015-6/2/2016
Amount \$10,000 Role: Co-investigator % funded effort: 0%
5. Project: Quantitative Encephalography as a Tool for Evaluation of Adolescent Concussions
Funding Agency: University of Colorado Department of Orthopedics Internal Grant
Award Dates: 8/12/2015-8/12/2017
Award \$10,000 Role: Principal investigator % funded effort: 0%
6. Project: Comparison of Braces for Treatment of Sever's Disease in Barefoot Athletes
Funding Agency: AMSSM Young Investigator Grant Award Date: 3/5/2018-3/5/2020
Amount \$5000 Role: Co-investigator % funded effort: 0%
7. Project: Implementation of a sports injury prevention program to reduce subsequent injuries after concussion: a pilot randomized control study
Funding Agency: CHCO Research Institute Award Date: 1/1/2019-12/31/2019
Amount \$30,000 Role: Co-investigator % funded effort: 0%

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8. Project: Initiation of an early exercise program to improve symptoms and psychosocial function after pediatric mild traumatic brain injury
Funding Agency: MINDSOURCE Brain Injury Network Award Date: 8/1/2019-6/30/2021
Amount \$115,000 Role: Co-investigator % funded effort: 0%

BIBLIOGRAPHY

Peer-reviewed original research articles

1. MacDonald J, **Wilson J**, Young J, Duerson D, Swisher G, Collins CL, Meehan WP 3rd. Evaluation of a simple test of reaction time for baseline concussion testing in a population of high school athletes. *Clin J Sport Med*. 2015 Jan;25(1):43-8. doi: [10.1097/JSM.0000000000000096](https://doi.org/10.1097/JSM.0000000000000096). PMID: 24727576.
2. Heyer GL, Fischer A, **Wilson J**, MacDonald J, Cribbs S, Ravindran R, Pommering TL, Cuff S. Orthostatic Intolerance and Autonomic Dysfunction in Youth With Persistent Postconcussion Symptoms: A Head-Upright Tilt Table Study. *Clin J Sport Med*. 2016 Jan;26(1):40-5. doi: [10.1097/JSM.000000000000183](https://doi.org/10.1097/JSM.000000000000183). PMID: 25706664.
3. Howell DR, **Wilson JC**, Kirkwood MW, Grubenhoff JA. Quality of Life and Symptom Burden 1 Month After Concussion in Children and Adolescents. *Clin Pediatr (Phila)*. 2019 Jan;58(1):42-49. doi: [10.1177/0009922818806308](https://doi.org/10.1177/0009922818806308). Epub 2018 Oct 12. PMID: 30311786.
4. Howell DR, Potter MN, Kirkwood MW, Wilson PE, Provance AJ, **Wilson JC**. Clinical predictors of symptom resolution for children and adolescents with sport-related concussion. *J Neurosurg Pediatr*. 2019 Apr 16;24(1):54-61. doi: [10.3171/2018.11.PEDS18626](https://doi.org/10.3171/2018.11.PEDS18626). PMID: 30994475.
5. Howell DR, **Wilson JC**, Brilliant AN, Gardner AJ, Iverson GL, Meehan WP 3rd. Objective clinical tests of dual-task dynamic postural control in youth athletes with concussion. *J Sci Med Sport*. 2019 May;22(5):521-525. doi: [10.1016/j.jsams.2018.11.014](https://doi.org/10.1016/j.jsams.2018.11.014). Epub 2018 Nov 22. PMID: 30509865.
6. Howell DR, Lugade V, Potter MN, Walker G, **Wilson JC**. A multifaceted and clinically viable paradigm to quantify postural control impairments among adolescents with concussion. *Physiol Meas*. 2019 Sep 3;40(8):084006. doi: [10.1088/1361-6579/ab3552](https://doi.org/10.1088/1361-6579/ab3552). PMID: 31342939.
7. Gray M, **Wilson JC**, Potter M, Provance AJ, Howell DR. Female adolescents demonstrate greater oculomotor and vestibular dysfunction than male adolescents following concussion. *Phys Ther Sport*. 2020 Mar;42:68-74. doi: [10.1016/j.pts.2020.01.001](https://doi.org/10.1016/j.pts.2020.01.001). Epub 2020 Jan 7. PMID: 31935640.
8. Kirkwood MW, Crossland MM, Howell DR, **Wilson JC**, Peterson RL. A Longitudinal Investigation of Symptom Recovery following Concussion in Youth Soccer. *J Pediatr*. 2020 May;220:207-213.e2. doi: [10.1016/j.jpeds.2020.01.068](https://doi.org/10.1016/j.jpeds.2020.01.068). Epub 2020 Mar 5. PMID: 32147217.
9. **Wilson JC**, Kirkwood MW, Potter MN, Wilson PE, Provance AJ, Howell DR. Early physical activity and clinical outcomes following pediatric sport-related concussion. *J Clin Transl Res*. 2020 May 26;5(4):161-168. eCollection 2020 May 26. PMID: 33029564; PMCID: [PMC7534529](https://pubmed.ncbi.nlm.nih.gov/PMC7534529/).
10. Provance AJ, Howell DR, Potter MN, Wilson PE, D'Lauro AM, **Wilson JC**. Presence of Neck or Shoulder Pain Following Sport-Related Concussion Negatively Influences Recovery. *J Child Neurol*. 2020 Jun;35(7):456-462. doi: [10.1177/0883073820909046](https://doi.org/10.1177/0883073820909046). Epub 2020 Mar 19. PMID: 32192408.
11. Sweeney EA, **Wilson JC**, Potter MN, Dahab KS, Denay KL, Howell DR. Symptom profiles and postural control after concussion in female artistic athletes. *Brain Inj*. 2020 Jun 6;34(7):928-933. doi: [10.1080/02699052.2020.1763464](https://doi.org/10.1080/02699052.2020.1763464). Epub 2020 May 22. PMID: 32442387.
12. Patsimas T, Howell DR, Potter MN, Provance AJ, Kirkwood MW, **Wilson JC**. Concussion-Symptom Rating Correlation Between Pediatric Patients and Their Parents. *J Athl Train*. 2020 Oct 1;55(10):1020-1026. doi: [10.4085/1062-6050-200-19](https://doi.org/10.4085/1062-6050-200-19). PMID: 32031884; PMCID: PMC7594616.
13. Howell DR, Kirkwood MW, Laker S, **Wilson JC**. Collision and Contact Sport Participation and Quality of Life Among Adolescent Athletes. *J Athl Train*. 2020 Nov 1;55(11):1174-1180. doi: [10.4085/1062-6050-0536.19](https://doi.org/10.4085/1062-6050-0536.19). PMID: 33112960; PMCID: PMC7709212.

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14. Howell DR, Bonnette S, Diekfuss JA, Grooms DR, Myer GD, **Wilson JC**, Meehan WP 3rd. Dual-Task Gait Stability after Concussion and Subsequent Injury: An Exploratory Investigation. *Sensors* (Basel). 2020 Nov 5;20(21). doi: [10.3390/s20216297](https://doi.org/10.3390/s20216297). PMID: 33167407; PMCID: PMC7663806.
15. Wingerson MJ, Seehusen CN, Walker G, **Wilson JC**, Howell DR. Clinical feasibility and utility of a dual-task tandem gait protocol for pediatric concussion management. *J Athl Train*. 2020 Nov 5;. doi: [10.4085/323-20](https://doi.org/10.4085/323-20). [Epub ahead of print] PMID: 33150416.
16. Engelman G, Carry P, Sochanska A, Daoud AK, **Wilson J**, Provance A. Isometric Cervical Muscular Strength in Pediatric Athletes With Multiple Concussions. *Clin J Sport Med*. 2021 Jan;31(1):36-41. doi: [10.1097/JSM.0000000000000681](https://doi.org/10.1097/JSM.0000000000000681). PMID: 30346312.
17. Walker GA, Seehusen CN, Armento A, Provance AJ, **Wilson JC**, Howell DR. Family Affluence Relationship to Sports Specialization in Youth Athletes. *Clin Pediatr (Phila)*. 2021 Jan;60(1):50-55. doi: [10.1177/0009922820949699](https://doi.org/10.1177/0009922820949699). Epub 2020 Aug 12. PMID: 32781852.
18. Walker GA, **Wilson JC**, Potter MN, Provance AJ, Kirkwood M, Howell DR. Age is associated with postural control performance following youth concussion. *J Pediatr Rehabil Med*. 2021;14(3):443-450. doi: [10.3233/PRM-190665](https://doi.org/10.3233/PRM-190665). PMID: 34219677.
19. Armento A, VanBaak K, Seehusen CN, Sweeney EA, **Wilson JC**, Howell DR. Presence and Perceptions of Menstrual Dysfunction and Associated Quality of Life Measures Among High School Female Athletes. *J Athl Train*. 2021 Feb 24;. doi: [10.4085/624-20](https://doi.org/10.4085/624-20). [Epub ahead of print] PMID: 33626156; PMCID: PMC8530419.
20. Van Deventer KA, Seehusen CN, Walker GA, **Wilson JC**, Howell DR. The diagnostic and prognostic utility of the dual-task tandem gait test for pediatric concussion. *J Sport Health Sci*. 2021 Mar;10(2):131-137. doi: [10.1016/j.ishs.2020.08.005](https://doi.org/10.1016/j.ishs.2020.08.005). Epub 2020 Aug 12. PubMed PMID: 32795624; PMCID: PMC7987555.
21. **Wilson JC**, Levek C, Daoud AK, Brewer M, Brooks K, Sochanska A, Randall M, Provance AJ. Web-Based Exercise Program Increases Cervical Strength in Adolescent Athletes. *J Strength Cond Res*. 2021 Apr 1;35(4):1149-1155. doi: [10.1519/JSC.0000000000002907](https://doi.org/10.1519/JSC.0000000000002907). PMID: 30335712.
22. Walker GA, **Wilson JC**, Seehusen CN, Provance AJ, Howell DR. Is near point of convergence associated with symptom profiles or recovery in adolescents after concussion? *Vision Res*. 2021 Jul;184:52-57. doi: [10.1016/j.visres.2021.03.007](https://doi.org/10.1016/j.visres.2021.03.007). Epub 2021 Apr 16. PMID: 33866266.
23. Seehusen CN, **Wilson JC**, Walker GA, Reinking SE, Howell DR. More Physical Activity after Concussion Is Associated with Faster Return to Play among Adolescents. *Int J Environ Res Public Health*. 2021 Jul 9;18(14). doi: [10.3390/ijerph18147373](https://doi.org/10.3390/ijerph18147373). PMID: 34299824; PMCID: PMC8306405.
24. Howell DR, Seehusen CN, Wingerson MJ, **Wilson JC**, Lynall RC, Lugade V. Reliability and Minimal Detectable Change for a Smartphone-Based Motor-Cognitive Assessment: Implications for Concussion Management. *J Appl Biomech*. 2021 Jul 13;37(4):380-387. doi: [10.1123/jab.2020-0391](https://doi.org/10.1123/jab.2020-0391). PMID: 34257159; PMCID: PMC8629831.
25. Krainin BM, Seehusen CN, Smulligan KL, Wingerson MJ, **Wilson JC**, Howell DR. Symptom and clinical recovery outcomes for pediatric concussion following early physical activity. *J Neurosurg Pediatr*. 2021 Sep 24;:1-8. doi: [10.3171/2021.6.PEDS21264](https://doi.org/10.3171/2021.6.PEDS21264). [Epub ahead of print] PMID: 34560641.
26. Smulligan KL, Wingerson MJ, Seehusen CN, Magliato SN, **Wilson JC**, Howell DR. Patient perception of dizziness and imbalance does not correlate with gait measures in adolescent athletes post-concussion. *Gait Posture*. 2021 Oct;90:289-294. doi: [10.1016/j.gaitpost.2021.09.184](https://doi.org/10.1016/j.gaitpost.2021.09.184). Epub 2021 Sep 20. PMID: 34564000.
27. Smulligan KL, **Wilson JC**, Seehusen CN, Wingerson MJ, Magliato SN, Howell DR. Post-Concussion Dizziness, Sleep Quality, and Postural Instability: A Cross-Sectional Investigation. *J Athl Train*. 2021 Oct 8;. doi: [10.4085/1062-6050-0470.21](https://doi.org/10.4085/1062-6050-0470.21). [Epub ahead of print] PMID: 34623439.

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28. Howell DR, Seehusen CN, Walker GA, Reinking S, **Wilson JC**. Neuromuscular training after concussion to improve motor and psychosocial outcomes: A feasibility trial. *Phys Ther Sport*. 2021 Nov;52:132-139. doi: [10.1016/j.pts.2021.05.014](https://doi.org/10.1016/j.pts.2021.05.014). Epub 2021 Aug 28. PMID: 34482050.
29. **Wilson JC**, Carry PM, Daoud AK, Strunk S, Sweeney EA, Howell DR, Comstock RD. Single season re-injury risk after concussion and lower extremity injury among male, collision sport, high school athletes. *J Sci Med Sport*. 2021 Nov;24(11):1105-1109. doi: [10.1016/j.isams.2021.04.015](https://doi.org/10.1016/j.isams.2021.04.015). Epub 2021 May 5. PMID: 34074605.
30. Howell DR, Potter MN, Provance AJ, Wilson PE, Kirkwood MW, **Wilson JC**. Sleep Problems and Melatonin Prescription After Concussion Among Youth Athletes. *Clin J Sport Med*. 2021 Nov 1;31(6):475-480. doi: [10.1097/JSM.0000000000000803](https://doi.org/10.1097/JSM.0000000000000803). PMID: 33055498.
31. Reinking S, Seehusen CN, Walker GA, **Wilson JC**, Howell DR. Transitory kinesiophobia after sport-related concussion and its correlation with reaction time. *J Sci Med Sport*. 2022 Jan;25(1):20-24. doi: [10.1016/j.isams.2021.07.010](https://doi.org/10.1016/j.isams.2021.07.010). Epub 2021 Jul 29. PubMed PMID: 34404602.
32. Howell DR, Seehusen CN, Carry PM, Walker GA, Reinking SE, **Wilson JC**. An 8-Week Neuromuscular Training Program After Concussion Reduces 1-Year Subsequent Injury Risk: A Randomized Clinical Trial. *Am J Sports Med*. 2022 Jan 21:3635465211069372. doi: [10.1177/03635465211069372](https://doi.org/10.1177/03635465211069372). Epub ahead of print. PMID: 35060759.
33. Smulligan KL, Wingerson MJ, Seehusen CN, **Wilson JC**, Howell DR. Post-Concussion Dizziness Severity Predicts Daily Step Count During Recovery Among Adolescent Athletes. *Med Sci Sports Exerc*. 2022 Jan 25. doi: [10.1249/MSS.0000000000002877](https://doi.org/10.1249/MSS.0000000000002877). Epub ahead of print. PMID: 35081096.
34. Smulligan KL, Wingerson MJ, Seehusen CN, **Wilson JC**, Howell DR. Examining Initial Post-Concussion Dizziness and Postural Stability as Predictors of Time to Symptom Resolution. *J Sci Med Sport*, accepted Jan 31, 2022.

Peer-reviewed review articles

1. **Wilson JC**, Rodenberg RE. "Growing" pains: Apophysitis of the lower extremities. *Contemporary Pediatrics*. 2011; 28(6):38-46.
2. **Wilson JC**, Quinn BJ, Stratton CW, Southwick H, MacDonald JP. Athletes Doing Arabesques: Important Considerations in the Care of Young Dancers. *Curr Sports Med Rep*. 2015 Nov-Dec;14(6):448-54. doi: [10.1249/JSR.000000000000208](https://doi.org/10.1249/JSR.000000000000208). PMID: 26561765.
3. Laker SR, Meron A, Greher MR, **Wilson J**. Retirement and Activity Restrictions Following Concussion. *Phys Med Rehabil Clin N Am*. 2016 May;27(2):487-501. doi: [10.1016/j.pmr.2016.01.001](https://doi.org/10.1016/j.pmr.2016.01.001). Epub 2016 Mar 8. PMID: 27154858.
4. **Wilson JC**, Patsimas T, Cohen K, Putukian M. Considerations for Athlete Retirement After Sport-Related Concussion. *Clin Sports Med*. 2021 Jan;40(1):187-197. doi: [10.1016/j.csm.2020.08.008](https://doi.org/10.1016/j.csm.2020.08.008). PMID: 33187608.
5. Kirkwood MW, Howell DR, Brooks BL, **Wilson JC**, Meehan lii WP. The Nocebo Effect and Pediatric Concussion. *J Sport Rehabil*. 2021 May 28;30(6):837-843. doi: [10.1123/jsr.2020-0519](https://doi.org/10.1123/jsr.2020-0519). PMID: 34050035.
6. Smulligan KL, **Wilson JC**, Howell DR. Increased Risk of Musculoskeletal Injuries After Concussion. *Operative Techniques in Sports Medicine*, accepted Jan 14, 2022.

Position statements

1. Harmon KG, Clugston JR, Dec K, Hainline B, Herring S, Kane SF, Kontos AP, Leddy JJ, McCrea M, Poddar SK, Putukian M, Wilson JC, Roberts WO. American Medical Society for Sports Medicine position statement on concussion in sport. *Br J Sports Med*. 2019 Feb;53(4):213-225. doi: [10.1136/bjsports-2018-100338](https://doi.org/10.1136/bjsports-2018-100338). PMID: 30705232.
2. Harmon KG, Clugston JR, Dec K, Hainline B, Herring SA, Kane S, Kontos AP, Leddy JJ, McCrea MA, Poddar SK, Putukian M, Wilson JC, Roberts WO. American Medical Society for Sports

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Medicine Position Statement on Concussion in Sport. *Clin J Sport Med.* 2019 Mar;29(2):87-100.
doi: [10.1097/JSM.0000000000000720](https://doi.org/10.1097/JSM.0000000000000720). PMID: 30730386.

Scientific Abstracts (competitive) - podium

1. **Wilson J**, Young J, Swisher G, Collins C, MacDonald J. Effect of Concussion on a Simple Test of Reaction Time in High School Athletes. *Clinical Journal of Sport Medicine* 2013; 23(2): 130-131. AMSSM 2013 Annual meeting, podium presentation, San Diego CA.
2. Heyer GL, Fischer A, **Wilson J**, MacDonald J, Cribbs S, Ravindran R, Pommering TL, Cuff S. Autonomic Dysfunction in Youth with Persistent Postconcussion Symptoms: A Head-upright Tilt Table Study. *Medicine & Science in Sports & Exercise* May 2014; 46(5s): 278. ACSM 2014 Annual Meeting, podium presentation, Orlando FL.
3. **Wilson J**, Strunk S, Carry P, Daoud AK, Stuart E, Comstock RD. Single Season Re-Injury Risk after Concussion and Lower Extremity Injury in High School Athletes. *Clinical Journal of Sport Medicine* 2017; 27(2): 187-188. AMSSM 2017 Annual meeting, podium presentation, San Diego CA.
4. Howell DR, Potter MN, Kirkwood MW, Wilson PE, Provance A, **Wilson JC**. Clinical predictors of symptom resolution for children and adolescents with sport-related concussion. *Orthopaedic Journal of Sports Medicine* 2019;7(3): supplement. PRISM Annual Meeting podium presentation, Atlanta GA, January 2019.
5. Howell DR, Lugade V, Potter MN, Walker G, **Wilson JC**. A multifaceted and clinically viable paradigm to quantify postural control impairments among adolescents with concussion. University of Colorado Inaugural Orthopedic Research Symposium. Podium presentation, Aurora CO, May 8, 2019.
6. Howell DR, Laker S, Kirkwood MW, **Wilson JC**. Contact and collision sports participation during adolescence is associated with reduced anxiety and depressive symptoms. *Orthopaedic Journal of Sports Medicine* 2020;8(4): supplement 3. PRISM 7th Annual Conference. January 25, 2020. Glendale, AZ. Podium presentation.
7. Howell DR, Fazekas M, Grady M, Halstead M, Master CL, Valovich McLeod TC, Miller SM, Snedden TR, Zaslow T, **Wilson JC**. Quality-of-life outcomes and academic concerns following pediatric concussion: initial findings from the PRISM concussion RIG. *Orthopaedic Journal of Sports Medicine* 2020;8(4): supplement 3. PRISM 7th Annual Conference. January 23, 2020. Glendale, AZ. Podium presentation.
8. Howell DR, Bonnette S, Diekfuss JA, Grooms DR, Myer GD, **Wilson JC**, Meehan III WP. Dual-task gait adaptability after clinical concussion recovery and subsequent injury: An exploratory investigation. University of Colorado 2nd Orthopedic Research Symposium & D'Ambrosia Diversity Lectureship. November 11, 2020. Podium presentation (virtual).
9. Wingerson MJ, Seehusen CN, Walker GA, **Wilson JC**, Howell DR. Clinical feasibility and utility of a dual-task tandem gait protocol for pediatric concussion management. University of Colorado 2nd Orthopedic Research Symposium & D'Ambrosia Diversity Lectureship. November 11, 2020. Podium presentation (virtual).
10. Seehusen CN, **Wilson JC**, Walker GA, Reinking SE, Howell DR. Step Up! More Physical Activity Post-Concussion Is Associated with Expedited Return to Play in Adolescents. PRISM Society 8th Annual Meeting. January 30, 2021. Podium presentation (virtual).
11. Reinking SE, Seehusen CN, Walker GA, **Wilson JC**, Howell DR. Anxiety, fear, and movement following sports-related concussion: How does kinesiophobia correlate to symptoms and reaction time? PRISM Society: 8th Annual Meeting. January 30, 2021. Podium presentation (virtual).
12. **Wilson JC**, Seehusen CN, Simon SL, Howell DR. Changes in subjective and objective sleep measures during recovery in pediatric concussion. PRISM Society 8th Annual Meeting. January 30, 2021. Podium presentation (virtual).
13. Walker GA, **Wilson JC**, Seehusen CN, Provance AJ, Howell DR. Is Near Point of Convergence Associated with Symptom Profiles or Recovery in Adolescents after Concussion? PRISM Society: 8th Annual Meeting. January 30, 2021. Podium presentation (virtual).

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14. Smulligan KL, **Wilson JC**, Seehusen CN, Wingerson MJ, Magliato SN, Howell DR. Post-concussion dizziness is associated with impaired postural stability. Rocky Mountain American Society of Biomechanics, Annual Meeting. April 2, 2021. Podium presentation (virtual).
15. Magliato SN, Seehusen CN, Wingerson MJ, Smulligan KL, **Wilson JC**, Howell DR. Post-concussion sleep problems associated with worse balance among youth athletes. Rocky Mountain American Society of Biomechanics, Annual Meeting. April 2, 2021. Podium presentation (virtual).
16. Sidhar K, **Wilson JC**, Baugh CM, Spittler J, Walker GA, Armento AM, Howell DR. Is there a link between socioeconomic status and concussion history or musculoskeletal injury history in adolescent athletes? AMSSM annual meeting. April 16, 2021. Podium presentation (virtual). *Clinical Journal of Sports Medicine* 2021; 31(2): 173.
17. Seehusen CN, Wingerson MJ, Smulligan KL, Magliato SN, **Wilson JC**, Howell DR. Effect of an 8-Week Neuromuscular Training Program on Postural Stability Following Concussion: A Randomized Clinical Trial. 16th International Symposium of 3D-Analysis of Human Movement (3D-AHM). May 24-28, 2021. Virtual podium presentation.
18. Smulligan KL, **Wilson JC**, Seehusen CN, Wingerson MJ, Magliato SN, Howell DR. Self-reported dizziness severity does not correlate with gait measures in adolescent athletes acutely post-concussion. 16th International Symposium of 3D-Analysis of Human Movement (3D-AHM). May 24-28, 2021. Virtual podium presentation.
19. Smulligan KL, Wingerson MJ, Seehusen CN, **Wilson JC**, Howell DR. Identifying Predictors of Time to Concussion Symptom Resolution: The Role of Dizziness and Postural Stability. American Physical Therapy Association Rocky Mountain Annual Conference. September 24, 2021. Podium Presentation.
20. Halstead M, Snedden T, Valovich McLeod T, **Wilson J**, Master C, Grady M, Fazekas M, Santana J, Zaslow T, Miller S, Howell D, and PRiSM Concussion Research Interest Group. Higher student confidence in their schools' academic support associated with lower adverse academic concern following concussion. PRiSM 9th Annual Meeting, January 27, 2022. Houston, TX. Podium Presentation.
21. Magliato SN, Seehusen CN, Wingerson MJ, Smulligan KL, **Wilson JC**, Howell DR. Sleep problems following concussion are associated with worse balance and more severe symptoms in youth athletes. PRiSM 9th Annual Meeting, January 27, 2022. Houston, TX. Podium Presentation.
22. Miller S, Zaslow T, **Wilson J**, Master C, Valovich McLeod T, Snedden T, Halstead M, Grady M, Fazekas M, Santana J, Howell D, and PRiSM Concussion Research Interest Group. Does the 5P risk score predict persistent post-concussive symptoms in a multi-center sample of youth athletes? PRiSM 9th Annual Meeting, January 27, 2022. Houston, TX. Podium Presentation.
23. Howell DR, Seehusen CN, Carry PM, Walker GA, Reinking S, **Wilson JC**. An 8-week neuromuscular training program after concussion reduces one-year subsequent injury risk: a randomized clinical trial. PRiSM 9th Annual Meeting, January 28, 2022. Houston, TX. Podium Presentation (presenting author).
24. Smulligan KL, Seehusen CN, Wingerson MJ, **Wilson JC**, Howell DR. Post-concussion dizziness severity predicts daily step count during recovery among adolescent athletes. PRiSM 9th Annual Meeting. January 28, 2022. Houston, TX. Podium Presentation.
25. Valovich McLeod T, Snedden T, Halstead M, **Wilson J**, Master C, Grady M, Fazekas M, Santana J, Zaslow T, Miller S, Howell D and PRiSM Concussion Research Interest Group. Self-reported amnesia following concussion predicts greater deficits in quality of life domains among adolescent athletes. PRiSM 9th Annual Meeting. January 28, 2022. Houston, TX. Podium Presentation.

Scientific Abstracts (competitive) - poster

1. MacDonald J, **Wilson J**, Young J, Swisher G, Collins C, Meehan W. Evaluation of a Simple Test of Reaction Time in the Diagnosis and Management of Concussions in High School Athletes. *Clinical Journal of Sport Medicine* 2012; 22(2): 187-188. AMSSM 2012 Annual meeting, Rising in Research oral poster presentation, Atlanta GA. (presenting author)

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2. Duerson D, **Wilson J**, Young J, Swisher G, Collins C, MacDonald J. Comparison of Baseline Reaction Time of High School Athletes over Two Consecutive Years. *Clinical Journal of Sport Medicine* 2013; 23(2): 132-133. AMSSM 2013 Annual meeting, Rising in Research oral poster session, San Diego CA.
3. Engleman G, **Wilson J**, Sochanska A, Provance A. Isometric Cervical Muscular Strength in Pediatric Athletes with Multiple Concussions. *Clinical Journal of Sport Medicine* 2016; 26(2):e58. AMSSM 2016 Annual Meeting, poster presentation, Dallas TX.
4. **Wilson J**, Sochanska A, Randall M, Brewer M, Brooks-Bennett K, Brueck G, Ramsey M, Lepon AK, Provance A. Impact of Cervical Strengthening Program in Adolescent Athletes: A Pilot Study. *Medicine & Science in Sports & Exercise* May 2016; 48(5s):925. ACSM 2016 Annual Meeting poster presentation, Boston MA.
5. Elliott L, **Wilson J**, Wilson P, Lepon AK, Brueck G, Clayton G. Quantitative Electroencephalography in the Evaluation of Concussive Head Injury in Adolescent Children: A Preliminary Analysis. AAPMR 2016 annual meeting, New Orleans LA, poster presentation.
6. **Wilson J**, Daoud AK, Moix Grieb E, Wilson P, Clayton G. Quantitative Electroencephalography in the Evaluation of Concussive Head Injury in Adolescents. *Medicine & Science in Sports & Exercise*; May 2017; 49(5s):412-413. ACSM 2017 Annual Meeting, poster presentation, Denver CO.
7. Daoud AK, Lamphere E, Burnim K, Skelton A, **Wilson J**. Injury Epidemiology at Multi-Day Youth Soccer Tournaments. *Medicine & Science in Sports & Exercise*; May 2017; 49(5s):708. ACSM 2017 Annual Meeting, poster presentation, Denver CO.
8. Moix Grieb E*, Gralla J, Daoud AK, **Wilson J**, Hoyte C. Opioid Prescription Practices of Pediatric Musculoskeletal Injuries. *Medicine & Science in Sports & Exercise*, May 2017; 49(5s):1099. ACSM 2017 Annual Meeting, poster presentation, Denver CO.
9. **Wilson J**, Potter M, Kirkwood M, Wilson P, Provance A, Howell DR. The Association Between Early Exercise and Clinical Characteristics Following Pediatric Sport-Related Concussion. *Orthopaedic Journal of Sports Medicine* 2019;7(3): supplement. PRiSM Annual Meeting poster presentation, Atlanta GA, January 2019.
10. **Wilson JC**, Howell DR, Potter MN, Provance AJ, Wilson PE, Kirkwood MW. Sleep Problems After Concussion Among Youth Athletes. *Clinical Journal of Sport Medicine* 2019; 29(2): 150-51. AMSSM Annual Meeting, oral poster presentation, Houston TX, April 15, 2019.
11. Patsimas T, Howell D, Potter M, Provance A, Kirkwood M, **Wilson J**. Patient-Parent Agreement on the Health and Behavior Inventory after Pediatric Concussion. *Medicine & Science in Sports & Exercise* June 2019; 51(6): 414. Poster presentation, ACSM 2019 Annual meeting, Orlando FL, May 30, 2019.
12. Armento A, VanBaak K, Sweeney EA, **Wilson JC**, Howell DR. Presence and Perceptions of Menstrual Dysfunction Among High School Female Athletes. *Orthopaedic Journal of Sports Medicine* 2020;8(4): supplement 3. PRiSM 7th Annual Conference. January 23-25, 2020. Glendale, AZ. Poster presentation.
13. Sweeney EA, **Wilson JC**, Potter MN, Dahab KS, Denay KL, Howell DR. Symptom profiles and postural control after concussion among female adolescent artistic athletes. *Orthopaedic Journal of Sports Medicine* 2020;8(4): supplement 3. PRiSM 7th Annual Conference. January 23-25, 2020. Glendale, AZ. Poster presentation.
14. **Wilson JC**, Kirkwood MW, Provance AJ, Walker GA, Wilson PE, Howell DR. Adolescents Report Sleep Quality Impairments Acutely Post-Concussion. *Orthopaedic Journal of Sports Medicine* 2020;8(4): supplement 3. PRiSM 7th Annual Conference. January 23-25, 2020. Glendale, AZ. Poster presentation.
15. Walker GA, Dahab KS, Provance AJ, Sweeney EA, **Wilson JC**, Armento A, Howell DR. Family Affluence Relationship to Sports Specialization in Youth Athletes. *Orthopaedic Journal of Sports Medicine* 2020;8(4): supplement 3. PRiSM 7th Annual Conference. January 23-25, 2020. Glendale, AZ. Poster presentation.

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16. Gray M, **Wilson J**, Potter M, Provance A, Howell D. Females exhibit greater oculomotor and vestibular dysfunction than males following pediatric concussion. American Physical Therapy Association Combined Sections Meeting, Denver CO. February 13, 2020. Poster presentation.
17. **Wilson JC**, Brenner LA, Khodae M, Provance AJ, Spittler J, Howell DR. History Of Concussion Does Not Influence Sleep Quality In Adolescent Athletes. *Clinical Journal of Sport Medicine* 2020; 30(2): 136. AMSSM annual meeting, April 25-29, 2020. Poster presentation (virtual).
18. Sweeney EA, **Wilson JC**, Daoud AK, Potter MN, Seehusen CN, Howell DR. Brace Use in Barefoot Athletes with Sever's Disease. *Clinical Journal of Sport Medicine* 2020; 30(2): 147. AMSSM annual meeting, April 25-29, 2020. Poster presentation (virtual).
19. **Wilson JC**, Seehusen C, Coonan D, Cuddeback T, Walker G, Howell DR. The Relationship Of Subjective And Objective Sleep Measures In Pediatric Concussion. *Medicine and Science in Sports and Exercise* 2020; 52(5): S620. ACSM Annual Meeting, June 17, 2020. Poster presentation (virtual).
20. Seehusen C, **Wilson JC**, Walker G, Reinking SE, Howell DR. Quantifying Physical Activity After Concussion: The Relationship Between Sleep Quality, Symptoms, And Steps. *Medicine and Science in Sports and Exercise*, 2020; 52(5): S354-355. ACSM Annual Meeting, June 17, 2020. Poster presentation (virtual).
21. Reinking SE, **Wilson JC**, Walker GC, Seehusen C, Howell DR. Fear of re-injury correlates with concussion symptoms and reaction time among adolescents with concussion. *Medicine and Science in Sports and Exercise*, 2020; 52(5): S748. ACSM Annual Meeting, June 17, 2020. Poster presentation (virtual).
22. Van Deventer K, Seehusen C, Walker G, **Wilson JC**, Howell DR. The Diagnostic and Prognostic Utility of Dual-Task Tandem Gait for Pediatric Concussion. *Medicine and Science in Sports and Exercise*, 2020; 52(5): S618-619. ACSM Annual Meeting, June 2020.
23. Wingerson MJ, **Wilson JC**, Seehusen CN, Walker GA, Howell DR. Determinants of Immediate and Delayed Recall Performance Following Pediatric Concussion. PRISM Society: 8th Annual Meeting. January 27-30, 2021. Poster presentation (virtual).
24. Reinking SE, Seehusen CN, Walker GA, **Wilson JC**, Howell DR. Anxiety, fear, and movement following sports-related concussion: How does kinesiophobia correlate to symptoms and reaction time? American Physical Therapy Association - Combined Sections Meeting. February 2021. Poster presentation (virtual).
25. Wingerson MJ, Seehusen CN, **Wilson JC**, Smulligan KL, Magliato SN, Howell DR. Assessments of post-concussion reaction time predict persistent symptoms and delayed return-to-play. Rocky Mountain American Society of Biomechanics, Annual Meeting. April 2, 2021. Poster presentation (virtual).
26. Krainin BM, Seehusen CN, Smulligan K, Wingerson M, **Wilson JC**, Howell DR. Symptom and Clinical Recovery Outcomes for Pediatric Sport-related Concussion Following Early Physical Activity. AMSSM annual meeting. April 14-18, 2021. Poster presentation (virtual).
27. **Wilson JC**, Seehusen CN, Smulligan K, Wingerson M, Howell DR. Sleep quality and functional outcomes during pediatric concussion recovery. AMSSM annual meeting. April 14-18, 2021. Poster presentation (virtual). *Clinical Journal of Sports Medicine* 2021; 31(2): 196.
28. Smulligan KL, **Wilson JC**, Seehusen CN, Wingerson MJ, Magliato SN, Howell DR. Post-Concussion Dizziness, Sleep Quality, and Postural Stability in Young Athletes. ACSM annual meeting. June 1-5, 2021. Virtual poster presentation.
29. Armento A, VanBaak K, Seehusen CN, Sweeney EA, **Wilson JC**, Howell DR. Presence and Perceptions of Menstrual Dysfunction Among High School Female Athletes. Female Athlete Triad Conference. June 10-12, 2021. Virtual poster presentation.
30. Smulligan KL, Wingerson MJ, Seehusen CN, **Wilson JC**, Howell DR. Examining Initial Post-Concussion Dizziness and Postural Stability as Potential Recovery Predictors. American Academy of Neurology Sports Concussion Conference. July 30-31, 2021. Virtual Poster Presentation.
31. Little C, Wingerson M, Seehusen C, Smulligan K, **Wilson J**, Simon S, Howell D. Evaluation of sex differences in sleep stages following concussion in adolescents. University of Colorado 3rd Annual

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- Orthopedic Research Symposium & D'Ambrosia Diversity Lectureship. November 10, 2021. Aurora, CO. Poster Presentation.
32. Smulligan KL, Seehusen CN, Wingerson MJ, Smith AC, Walker GA, **Wilson JC**, Howell DR. Dizziness is Associated with Neck and Shoulder Pain in Pediatric Concussion. University of Colorado 3rd Annual Orthopedic Research Symposium & D'Ambrosia Diversity Lectureship. November 10, 2021. Aurora, CO. Poster Presentation.
 33. Wingerson MJ, Seehusen CN, **Wilson JC**, Smulligan KL, Lynall RC, Lugade V, Howell DR. Smartphone measured single- and dual-task gait evaluation in adolescent's post-concussion: A longitudinal comparison to healthy controls. University of Colorado 3rd Annual Orthopedic Research Symposium & D'Ambrosia Diversity Lectureship. November 10, 2021. Aurora, CO. Poster presentation.
 34. Smulligan KL, Wingerson MJ, Seehusen CN, **Wilson JC**, Howell DR. Physical Activity Predicts Kinesiophobia at Return to Play for Athletes with Persistent Post-Concussion Symptoms. University of Colorado Anschutz Medical Campus 36th Annual Student Research Forum. December 8, 2021. Aurora, CO. Poster presentation. Top Poster Award.
 35. Snedden T, Valovich McLeod T, Halstead M, **Wilson J**, Master C, Grady M, Fazekas M, Santana J, Zaslow T, Miller S, Howell D, and PRiSM Concussion Research Interest Group. Comparing academic challenges and quality of life in concussed adolescents pre- and during the COVID-19 pandemic. PRiSM 9th Annual Meeting. January 27-29, 2022. Houston, TX. Poster presentation.
 36. Wingerson MJ, Seehusen CN, **Wilson JC**, Smulligan KL, Lynall RC, Lugade V, Howell DR. Smartphone measured single- and dual-task gait evaluations in adolescents' post-concussion: A longitudinal comparison to healthy controls. PRiSM 9th Annual Meeting. January 27-29, 2022. Houston, TX. Poster presentation. Top poster award finalist.
 37. Wingerson MJ, Seehusen CN, **Wilson JC**, Smulligan KL, Reinking SE, Magliato SN, Howell DR. Diagnostic and predictive ability of reaction time assessments for adolescent concussion. PRiSM 9th Annual Meeting. January 27-29, 2022. Houston, TX. Poster presentation.

Scientific abstracts (non-competitive)

1. **Wilson JC**, Reese J. Inpatient Service Specialist role as housestaff support. Graduate Medical Education Resident Research Day, The Children's Hospital, May 2009, Aurora CO.
2. **Wilson JC**, Reese J. Inpatient Service Specialists and Resident Liaisons as housestaff support. Graduate Medical Education Resident Research Day, The Children's Hospital, May 2010, Aurora CO.
3. Lapon AK, **Wilson JC**, Brueck G, Elliott LT, Wilson PE, Clayton GH. Quantitative Electroencephalography in the Evaluation of Concussive Head Injury in Adolescent Children: A Preliminary Analysis. CHCO Spring Research symposium, May 2016.

Case Reports

1. **Wilson J**, Fischer A. Wrist Pain - Basketball. *Medicine & Science in Sports & Exercise*. May 2011; 43(5): 237. ACSM 2011 Annual meeting, Denver CO. Case podium presentation.
2. **Wilson J**, MacDonald J. Elbow Pain in a Little League Baseball Player. AMSSM 2011 Annual meeting, Salt Lake City UT. Case poster presentation.
3. **Wilson J**. An Unusual Ankle Injury in a 10 Year Old Athlete. *Clinical Journal of Sport Medicine* 2014; 24(2): e10-11. AMSSM 2014 Annual meeting, New Orleans LA. Case podium presentation.
4. Armento A*, Albright J, **Wilson J**. An Unusual Diagnosis of Shoulder Pain in a Pediatric Patient. AMSSM 2017 Annual Meeting; San Diego, CA. Case poster presentation.
5. Patsimas T*, **Wilson JC**, Armento A. Female Athlete Triad. AAP COSMF Case of the Month. November 2019.
6. Patsimas T, Sweeney E, **Wilson J**. Left Knee Pain and Swelling. AAP COSMF Case of the Month. January 2021.

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7. Patsimas T, Sweeney E, **Wilson J**. 16 Year Old Swimmer With Pain And Swelling In Multiple Joints. American Medical Society for Sports Medicine annual meeting. April 14-18, 2021. Case poster presentation.

Book Chapters

1. Ofek E, **Wilson JC**. (2020). "Medical Conditions Leading to Poor Sleep" in S. Paul, H. Benjamin (Eds.), *Sleep Essentials: Information & Insights for Active Individuals* (pp 31-38). Monterey, CA: Healthy Learning.

Products of Scholarship

1. **Wilson J**, Provance A, Murray J, Kirkwood M, Grubenhoff J, Johnson B, Golembeski J, Prokop J, Clark M, May L, Kanallakan A, Wilson P, Gordon S, Bernard A. Children's Hospital Colorado Clinical Pathway: Concussion. April 7, 2016.

Media

1. **Wilson J**. Provance A. [COVID-19 Return to Play Guidelines for Youth Sports](#), updated 12/2021.
2. **Wilson J**. Colorado Public Radio interview - [High Schools Want 'Kids Back In Sports' But The Pandemic Precautions Vary District To District](#), 2/2021.
3. **Wilson J**. KREX Western Slope TV interview – [Obesity in COVID](#), 11/2020.
4. Provance A, **Wilson J**. Colorado Family Physician medical magazine article: [Considerations for Return to Youth Sports Amidst COVID-19 Pandemic](#), summer 2020.
5. Armento A, Brumbaugh D, **Wilson J**. Children's Hospital Colorado Charting Pediatrics Podcast: [COVID-19 and Return Youth Sports](#), 6/2020.
6. **Wilson J**. Children's Hospital Colorado Provider Education Video: [Concussion Research](#), 2019.
7. Brumbaugh D, **Wilson J**. Children's Hospital Colorado Charting Pediatrics Podcast: [A Case Study: Repeat Concussions in Teenagers and Sports Retirement Considerations](#), 2/2019.
8. Brent A, **Wilson J**. Children's Hospital Colorado Charting Pediatrics Podcast: [Approaching Concussions in Children's Primary Care](#), 6/2017.
9. **Wilson J**. Colorado 9 News and Children's Hospital Colorado Concussion Social Summit expert panelist – [media promo](#), 11/2015.
10. **Wilson J**. Colorado 9 News TV interview – [Is football safe?](#) 11/2015.
11. **Wilson J**. Just Ask Children's parent newsletter - <http://www.childrenscolorado.org/wellness-safety/parent-resources/expert-tips>, 11/2015.
12. **Wilson J**. Fox21 (CO Springs) Wellness Wednesdays guest speaker: [Baseball Injuries](#), 7/2015.
13. **Wilson J**. featured in Denver Post newspaper article: [U.S. Soccer's Ali Krieger wears a concussion headband. But do they work?](#) 6/2015.
14. **Wilson J**. Just Ask Children's Alice 105.9 radio interview: concussions, 5/2015.
15. **Wilson J**. Just Ask Children's parent newsletter - <http://orthopedics.childrenscolorado.org/new-and-featured-articles/for-parents/make-time-for-exercise>, 5/2015.
16. **Wilson J**. Rocky Mountain Health Plans guest blog: Concussion Treatment & Recovery, 7/2014.
17. **Wilson J**, Young J. Columbus 10TV Health & Fitness Expo: Kids & Sports Injuries Panel, 8/2012.
18. **Wilson J**. Ask a Specialist Series – Energy Drinks, 4/2012.
19. **Wilson J**. Exercise-Associated Cramping in *ThisWeek Community Newspapers*, 8/2011.

EVENT COVERAGE

1. Colorado Rush Denver Cup Soccer tournament medical director – 2015-2019, 2021
2. Colorado Rush Open Soccer tournament medical director –2015-2019, 2021
3. 3D Lacrosse Denver Shootout tournament medical coverage – 2014, 2017, 2019, 2021
4. Real Colorado Cup Soccer tournament medical director – 2014-2019, 2021
5. Comprehensive Athletic Physical Screening Adams 12 Schools – 2014-2019
6. Comprehensive Athletic Physical Screening Elizabeth HS – 2015-2019
7. Thornton HS wrestling tournament coverage – 2014-2015, 2017-2019

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8. Bear Chase Trail Race medical coverage – 2013, 2015, 2017-2019
9. Nike Cup Soccer Tournament medical coverage – 2011-2013
10. OHSAA State Basketball Tournament medical coverage – 2011-2013
11. COSA Fall Classic Soccer Tournament medical coverage – 2011-2012
12. Tour de Grandview Bicycle Race medical coverage – 2011-2012
13. Great Ohio Bicycle Adventure Medial Staff – 2011-2013
14. Ohio Army National Guard College Football Senior Bowl medical coverage – 2011-2012
15. Buckeye Classic gymnastics meet coverage – 2011-2012
16. Ohio North-South High School Football Classic medical coverage – 2011
17. Special Olympics pre-participation evaluation – 2010