

## CURRICULUM VITAE

**Shayne Fehr MD**

**Associate Professor  
Department of Orthopaedic Surgery  
Division of Pediatric Orthopaedic Surgery**

### OFFICE ADDRESS:

Children's Corporate Center  
999 N 92 St  
Milwaukee, WI 53226

### EDUCATION:

1998 - 2000 A.A.S., Business Administration, Illinois Central College, East Peoria  
2000 - 2002 B.S., Business Administration, Chemistry Minor, University of Illinois at Urbana-Champaign  
2003 - 2007 M.D., University of Illinois College of Medicine at Peoria

### POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

2007 - 2008 Internship, Pediatrics, University of Colorado Health Science Center, Denver, CO  
2008 - 2010 Residency, Pediatrics, University of Colorado Health Sciences Center, Denver, CO  
2010 - 2011 Fellowship, Primary Care Sports Medicine – Pediatrics Track, University of Colorado Health Sciences Center, Denver, CO

### FACULTY APPOINTMENTS:

2010 - 2011 Clinical Instructor of Family Medicine(Sports Medicine), University of Colorado Health Sciences Center, Aurora, CO  
2011 - Present Assistant Professor of Orthopaedics & Pediatrics, Medical College of Wisconsin, Milwaukee, WI  
07/2019 - Present Associate Professor of Orthopaedics, MCW, Milwaukee, WI

### EDUCATIONAL ADMINISTRATIVE APPOINTMENTS:

07/2013 - Present Associate Director, Resident Pediatric Sports Medicine Elective, Medical College of Wisconsin  
07/2017 - Present Director, Adolescent Medicine Pediatric Sports Medicine Rotation, Medical College of Wisconsin  
07/2017 - Present Director, Medical Student Pediatric Sports Medicine Elective, Medical College of Wisconsin  
07/2021 - Present Co-Director, Pediatric Rheumatology Sports Medicine Rotation, MCW

### HOSPITAL STAFF PRIVILEGES:

2011 - Present Children's Hospital of Wisconsin, 9000 W. Wisconsin Ave, Milwaukee, WI 53226

### SPECIALTY BOARDS AND CERTIFICATION:

| <u>Board Certified</u> | <u>Issue Date</u> | <u>Expiration</u> |
|------------------------|-------------------|-------------------|
| General Pediatrics     | 10/2010           | 12/2025           |
| Sports Medicine        | 07/2011           | 12/2025           |

| <u>Certificates</u> | <u>Issued By</u>       | <u>Issue Date</u> | <u>Expiration</u> |
|---------------------|------------------------|-------------------|-------------------|
| BLS                 | Children's Hospital of | 02/2018           | 02/28/2026        |

## Wisconsin

| <u>Licensure</u> | <u>Number</u> | <u>Issue Date</u> | <u>Expiration</u> |
|------------------|---------------|-------------------|-------------------|
| Colorado         |               | 05/2010           | 05/2011           |
| Wisconsin        | 55847-20      | 06/09/2011        | 10/31/2025        |

### **AWARDS AND HONORS:**

1999 - 2000 Phi Theta Kappa, Honors Program, Illinois Central College  
2002 Phi Kappa Phi, University of Illinois Honor Society  
2002 Beta Gamma Sigma Honor Society Award, University of Illinois College of Business  
2002 Alpha Epsilon Delta Pre-Medicine  
2004 - 2005 Illinois General Assembly Scholarship, University of Illinois College of Medicine  
2006 - 2007 Bamberger Scholarship, General Assembly Scholarship  
2006 - 2007 Kumar Mullangi Award for Excellence in Primary Care, College of Medicine Scholarship  
2006 - 2007 Alpha Omega Alpha Honor Society, College of Medicine Scholarship  
2006 - 2007 Bertram A. Richardson Travel Award, College of Medicine Scholarship  
2006 - 2007 Glaxo Wellcome, Inc. Endowed Dean's Award for Primary Care , College of Medicine Scholarship  
2006 - 2007 University of Illinois Excellence in Pediatrics Award, College of Medicine Scholarship  
2007 - 2008 Resident of the Month, Nominee for NICU Intern of the Year, Neonatal Intensive Care Unit  
2008 Nominee for NICU Intern of the Year  
2012 Fellow of the American Academy of Pediatrics  
02/2020 CW Orthopaedics Service Line Cup of Honor , Childrens  
2020 Top Doctor, Pediatric Sports Medicine, Milwaukee Magazine  
2020 CW Group Experience Award , Delafield Orthopaedics Clinic  
2021 - 2022 Pediatric Clerkship Outstanding Teacher of Medical Students for Non-Department of Pediatrics Faculty  
2022 Top Doctor, Pediatric Sports Medicine, Milwaukee Magazine  
2022 Nominee for 2022 Children's Specialty Group and Children's Wisconsin Excellence in Professionalism Award, Children's Wisconsin  
2023 CSG Top-Rated Providers  
2023 CW Group Experience Award, Delafield Orthopaedics Clinic  
2023 Top Doctor, Pediatric Sports Medicine, Milwaukee Magazine

### **MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:**

2003 - Present Christian Medical and Dental Association (CMDA)  
2006 - Present American Academy of Pediatrics  
2009 - Present American Medical Society for Sports Medicine  
2010 - Present American College of Sports Medicine  
2011 - Present Pediatric Research in Sports Medicine Society (PRISM)

### **EDITORSHIPS/EDITORIAL BOARDS/JOURNAL REVIEWS:**

Ad-Hoc Reviewer  
04/2014 Reviewer, Current Sports Medicine Reports  
03/2018 Reviewer, Sports Health  
03/2018 Reviewer, Southern California Clin. Transitional Science Institute  
07/2018 Reviewer, Pediatrics  
06/2020 Reviewer, American Journal of Sports Medicine  
07/2020 Reviewer, Sports Health  
05/2021 Reviewer, Pediatrics

### **LOCAL/REGIONAL APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:**

2010 - Present Council for Sports Medicine and Fitness, American Academy of Pediatrics  
2012 - 2013 Champion, Physician Activation Support Epic Go Live, Children's Hospital of Wisconsin  
2013 - Present Orthopaedic Surgery Research Committee, Medical College of Wisconsin

2015 - Present Medical Director, Lakefront Marathon Board of Directors, Lakefront Marathon  
 2015 - Present Member, Professional Development Committee  
 2015 - Present Orthopaedic Access Satisfaction Workgroup, Children's Hospital of Wisconsin  
 2016 - 2019 Alternate Representative, Orthopedics, Faculty Council, Medical College of Wisconsin  
 01/2019 - Present Chair, Medical Staff Credentials Committee, Children's Hospital of Wisconsin  
 2019 - 2023 Medical Staff Executive Committee, Children's Hospital of Wisconsin  
 2019 - Present Representative, Orthopaedics, Faculty Council, Medical College of Wisconsin  
 2019 - Present Co-Chair, Professional Development Committee, Children's Specialty Group  
 2019 - 2022 Faculty Council Representative, Orthopedics, Medical College of Wisconsin  
 2022 Children's Briggs and Al's Run, CW Medical Director  
 2022 - Present Alternate Representative, Orthopedics, Faculty Council, MCW

#### **NATIONAL ELECTED/APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:**

2009 - Present Clinical Case Review, Education Committee, American Medical Society for Sports Medicine  
 2011 - 2018 Member, Apostolic Christian Harvest Call Medical Committee  
 2014 - 2016 Chair, Apostolic Christian Harvest Call Medical Committee  
 2017 - Present Board of Directors, Apostolic Christian Counseling and Family Services Committee  
 2017 - 2021 Member, Board of Directors, ACCFS Counseling Center  
 2022 - Present Member, Musculoskeletal Ultrasound Research Interest Group, PRISM  
 2022 - Present Member, Spondylolysis Research Interest Group, PRISM

#### **RESEARCH GRANTS/AWARDS/CONTRACTS/PROJECTS:**

##### **Active**

##### **Peer Review**

Title: Variables Related to Throwing Injuries in Youth  
 Source: MCW Department of Orthopedics  
 Role: Principal Investigator  
 PI: Fehr SD  
 Dates: 06/2013 - Present  
 Direct Funds: \$8,100

Title: Functional Assessment of Concussion Tool Development Project  
 Source: Clinical & Translation Science Institute Pilot Award  
 Role: Co-Investigator  
 Dates: 2018 - Present

Title: Biomechanics of the Lumbar Spine and Lower Limb with and without Use of Corset Bracing in the Athlete with Extension-Based Low Back Pain  
 Source: MCW Orthopaedics Medical Student Summer Research Program  
 Role: Principle Investigator  
 Dates: 2018 - Present

Title: Validation of an Inertial Measurement Unit Sensor for Determining Elbow Torque during Baseball Pitching  
 Source: MCW Department of Orthopaedic Surgery Intramural Grant  
 Role: Co-Investigator  
 Dates: 2019 - Present

Title: Early Physical Therapy Intervention of Spondylolisthesis/Spondylolysis Diagnosis in a Pediatric Population  
Source: Children's Wisconsin  
Role: Co-Investigator  
PI: Kaitlin Hong, DPT  
Dates: 2020 - Present

Title: Evaluating Risk Factors of Lower Extremity Stress Injuries in Competitive Adolescent Female Distance Runners  
Source: MCW MSSRP and Orthopaedic Surgery Intramural Grant  
Role: Principle-Investigator  
Dates: 2021 - Present  
Direct Funds: \$10,200

Title: Efficacy of 3DT1 Magnetic Resonance Imaging for Evaluating Spondylolysis in Children  
Source: Children's Wisconsin Institutional Review Board - Human Research Protection Program  
Role: Co-Investigator  
PI: Teresa Kelly MD  
Dates: 2021 - Present

**Non-Peer Review**

Title: Making it Stick: A Social marketing Experiment to Alter Concussion Attitudes and Behavior  
Source: NCAA & Department of Defense Mind Matters Grant  
Role: Collaborator  
PI: Dee Warmath, Andrew Winterstein  
Dates: 02/2016 - Present  
Direct Funds: \$399,678

**Prior  
Peer Review**

Title: The Development of Elbow Rotation in Children who Play Baseball with Injury Implications  
Role: Co-Investigator  
Dates: 2011 - 2016

Title: Investigating Variables That Influence Outcomes in Pediatric Concussion. MCW Orthopaedics Medical Student Summer Research Training Fellowship  
Source: MCW Orthopaedics Medical Student Summer Research Program  
Role: Principal Investigator  
Dates: 2012 - 2018

Title: Determining the Effect of Concussion on

|         |  |
|---------|--|
| Source: | Sensorimotor Function in Children<br>University of Wisconsin Milwaukee   |
| Role:   | Co-Investigator  |
| PI:     | Jinsung Wang PhD   |
| Dates:  | 2012 - 2017  |
|         |  |
| Title:  | Acute Sleep Changes Following<br>Adolescent Concussion   |
| Source: | John E Vice Innovation Research Award  |
| Role:   | Co- Investigator   |
| PI:     | Danny Thomas, MD, Matthew Myrvik<br>PhD  |
| Dates:  | 2013 - 2017  |
|         |  |
| Title:  | Feasibility of Actigraphy in Assessing<br>Sleep Quality Following Adolescent<br>mTBI                           |
| Role:   | Co-Investigator  |
| Dates:  | 2014   |
|         |  |
| Title:  | Investigation of Musculoskeletal<br>Ultrasound as a Modality for Evaluating<br>Proximal Humeral Epiphysiolysis |
| Source: | MCW Department of Orthopaedic<br>Surgery   |
| PI:     | Fehr SD  |
| Dates:  | 2017 - 2020  |

**Non-Peer Review**

|        |  |
|--------|--|
| Title: | Examining Family Physicians<br>Competency in Radiograph<br>Interpretation. |
| Role:  | Co-Investigator  |
| Dates: | 2005   |
|        |  |
| Title: | Arm Injuries in Youth Baseball.  |
| Role:  | Principal Investigator   |
| Dates: | 2009   |

**INVITED LECTURES/WORKSHOPS/PRESENTATIONS:**

**Local**

Fehr SD, Osteomyelitis: An 18-month-old with a Limp, Supervisor's Conference, The Children's Hospital, Aurora, CO, 11/2009

Fehr SD, Sports Medicine Radiology: Selected Case Review, Pediatric Noon Conference, The Children's Hospital, Aurora, CO, 06/2010

Fehr SD, Sudden Cardiac Death in the Athlete, CU Sports Medicine Academic Conference, Aurora, CO, 09/2010

Fehr SD, Knee Exam for the Primary Care Physician, The Children's Hospital, Aurora, CO, 11/2010

Fehr SD, Concussion, Lunch and Learn with Premier Pediatrics Group, Brighton, CO, 12/2010

Fehr SD, Elbow Pain in an Adolescent Pitcher, CU Sports Medicine Academic Conference, Aurora, CO, 12/2010

Fehr SD, Concussion, Lunch and Learn with Premier Pediatrics Group, Milwaukee, WI, 12/2010

Fehr SD, Juvenile Osteochondritis Dissecans of the Knee, CU Sports Medicine Academic Conference, Aurora, CO, 02/2011

Fehr SD, Concussion/Evaluation and Management of Musculoskeletal Injuries, Presentation to Denver Public School Nurses, Denver, CO, 03/2011

Fehr SD, Arm Injuries in Youth Baseball: A Need for Education, TCH Ortho Day, Aurora, CO, 04/2011

Fehr SD, Management of Type I Diabetes in the Athlete, CU Sports Medicine Academic Conference, Aurora, CO, 04/2011

Fehr SD, Casting/Splinting Workshop for Family Medicine Residents, Rose Family Medicine Residency Curriculum, Aurora, CO, 04/2011

Fehr SD, Concussion Evaluation and Management/Type I Diabetes in the Athlete, Annual Sports Medicine Talks for AF Williams Residents, Denver, CO, 05/2011

Fehr SD, Concussion Evaluation and Management in the Young Athlete, Child Health Clinic AM Resident Talks, Aurora, CO, 05/2011

Fehr SD, Splinting Workshop for Primary Care Providers, Office-Based Sports Medicine for the Primary Care Provider, Aurora, CO, 05/2011

Fehr SD, Sports Boards Anatomy Review, CU Sports Medicine Academic Conference, Aurora, CO, 06/2011

Fehr SD, Arm Injuries in Youth Baseball: A Need for Education, CU Orthopaedics Research Day, Aurora, CO, 06/2011

Fehr SD, Pre-participation Physical Exam, Adolescent Medicine Lecture, Children's Hospital of Wisconsin, Milwaukee, WI, 08/2011

Fehr SD, Walter KD, Sports Medicine, Medical College of Wisconsin Ace the Boards, Milwaukee, WI, 09/2011

Fehr SD, Sports Injuries: Why Kids Are Different, Live at 12, WTMJ 4 CBS, Milwaukee, WI, 10/2011

Fehr SD, Pre Participation Exam, Med-Peds Noon Conference, Milwaukee, WI, 01/2012

Veenstra JM, Fehr SD, Pediatric Concussion and the Varying Factors that Influence Outcome, MCW Orthopedic Grand Rounds, Milwaukee, WI, 01/2012

Fehr SD, Soft Tissue Injuries and Conditions, Sports Medicine Core Conference, Medical College of WI, Milwaukee, WI, 02/2012

Fehr SD, Injuries of the Apophysis, Adolescent Medicine Lecture Series, Children's Hospital of WI, Milwaukee, WI, 03/2012

Fehr SD, Common Growth Plate Conditions, Physical Medicine and Rehabilitation AM Sports Conference, Milwaukee, WI, 04/2012

Fehr SD, Concussion, Miracle Marathon with Dave and Carole, 96.5 WKLH, Milwaukee, WI, 04/2012

Fehr SD, Big Dilemma: Let Children Play Football?, Associated Press Online, Milwaukee, WI, 05/2012

Fehr SD, Throwing Injuries, ESPN Radio Commercial, Milwaukee, WI, 05/2012

Fehr SD, Throwing Injuries, Live at 12, WTMJ 4 CBS, Milwaukee, WI, 06/2012

Fehr SD, Pre-participation Physical Exam and Cardiac Evaluation, Sports Medicine Core Conference, Medical College of WI, Milwaukee, WI, 08/2012

Fehr SD, Musculoskeletal Injuries in Pediatrics, Physical Medicine and Rehabilitation Noon Conference, Medical College of Wisconsin, Milwaukee, WI, 09/2012

Fehr SD, Patellofemoral Pain and Anterior Cruciate Ligament Injuries: Similarities and Differences, Pediatric Grand Rounds, Milwaukee, WI, 10/2012

Fehr SD, Soft Tissue Injuries and Conditions, Sports Medicine Core Conference, Medical College of Wisconsin, Milwaukee, WI, 02/2013

Fehr SD, Concussion, Miracle Marathon with Dave and Carole, Milwaukee, WI, 04/2013

Fehr SD, Walter KD, Pediatric Sports Medicine, Medical College of Wisconsin Ace the Boards, Milwaukee, WI, 09/2013

Fehr SD, Cervical Spine Injuries, Sports Medicine Core Conference, Medical College of Wisconsin, Milwaukee, WI, 09/2013

Fehr SD, Concussion in Kids 101, Medical College of Wisconsin Medical Student Lecture, Milwaukee, WI, 09/2013

Fehr SD, Pediatric and Adolescent Sports Medicine – Part 1 of 2, Sports Medicine Core Conference, Medical College of Wisconsin, Milwaukee, WI, 10/2013

Pawlak EA, Fehr SD, Gender Differences in Pediatric Concussion Symptom Recovery and Duration, MCW Orthopedic Grand Rounds, Milwaukee, WI, 01/2014

Fehr SD, Soft Tissue Injuries and Conditions, Sports Medicine Core Conference, Medical College of Wisconsin, Milwaukee, WI, 02/2014

Fehr SD, Girls Suffer Worse Concussions, Study Suggests, CBS.com, Milwaukee, WI, 04/2014

Fehr SD, Environmental Injuries, Orthopedic Grand Rounds, Milwaukee, WI, 05/2014

Fehr SD, Sports Specialization in the Young Athlete, Pediatric Grand Rounds, Milwaukee, WI, 06/2014

Fehr SD, Backpack Safety, Morning Show, 620 WTMJ-AM, Milwaukee, WI, 09/2014

Fehr SD, Pre-Participation Physical Examination, Sports Medicine Core Conference, Milwaukee, WI., 09/2014

Fehr SD, Reducing Sports Injuries in Kids, Morning show 620 WTMJ-AM, Milwaukee, WI, 12/2014

Damrow DD, Fehr SD, Establishing Biomechanics of Throwing in Youth Pitchers: 3D Joint Evaluation, MCW Orthopedic Grand Rounds, Milwaukee, WI, 01/2015

Fehr SD, Too Much Rest Is Not Best for Concussions, Evening News, WBAY2 ABC, Green Bay, WI, 01/2015

Fehr SD, Growth and Development of the Young Athlete, Sports Medicine Core Conference, Milwaukee, WI, 02/2015

Fehr SD, Mild Traumatic Brain Injury in the Young Athlete, Medicine-Pediatrics Noon Conference, Milwaukee, WI, 04/2015

Fehr SD, Physeal Injuries and Conditions in the Young Athlete, Physical Medicine and Rehabilitation AM Sports Conference, Milwaukee, WI, 04/2015

Fehr SD, Pediatric Sports Medicine: Lower Extremity and Spine Conditions, MedPeds Resident Noon Conference, Milwaukee WI, 06/2015

Fehr SD, Return to Play, Pediatric SurBoard Board Review Series, Milwaukee, WI, 11/2015

Fehr SD, Walter K, Musculoskeletal Condition in Pediatric Sports Medicine, MCW Adolescent Medicine Fellow Curriculum Lecture, Milwaukee, WI, 01/2016

Fehr SD, Introduction to Musculoskeletal Ultrasound in the Clinic, MCW Orthopedic Bioskills Lab, Milwaukee, WI, 02/2016

Fehr SD, Pediatric Ankle Fractures, What you Need to Know, Pediatric Emergency Medicine Grand Rounds, Milwaukee, WI, 03/2016

Fehr SD, Common Fractures in the Pediatric Athlete, Medical College of WI Sports Medicine Symposium, Milwaukee, WI, 03/2016

Fehr SD, Environmental Injuries in Athletes, MCW Resident Curriculum Lecture, Milwaukee, WI, 04/2016

Fehr SD, Peds Primary Care Sports B - Environmental Injuries, Pediatric Orthopaedic Conference, Milwaukee, WI, 04/2016

Fehr SD, Avulsion Fractures in the Pediatric Athlete, Trauma Grand Rounds, Milwaukee, WI, 09/2016

Fehr SD, Youth Sports, PPE, and Upper Extremity, Sports Medicine I - Noon Conference Lecture, Medical College of Wisconsin, Milwaukee, WI, 11/29/2016

Fehr SD, Intro to Musculoskeletal Ultrasound in the Clinic, Ortho Residents Lecture Series, Medical College of WI, 02/09/2017

Fehr SD, Musculoskeletal Injections, Ortho Resident Lecture Series, Medical College of WI, 02/09/2017

Fehr SD, Low Risk Pediatric Ankle Injuries, LRAR Project Meeting, Southwest Pediatrics, WI, 02/10/2017

Fehr SD, Title Common Fractures in the Young Athlete, Milwaukee CME Banquet, Milwaukee, WI, 05/02/2017

Fehr SD, Fractures in Athletes, TMJ4's "Live at Noon" Program, Milwaukee, WI, 05/18/2017

Fehr SD, Pediatric Sports Injuries and Conditions, Waukesha Family Practice Residency Lectures, Waukesha, WI, 08/09/2017

Fehr, SH, Ultrasound: Elbow Presentation, Fellowship Lecture, Wisconsin Athletic Club, Milwaukee, 01/25/2019

Fehr, SD, Connecting the Youth Sports Pandemic and Low Back Pain, 2nd Annual Medical College of Wisconsin Spine Day, Medical College of Wisconsin, 08/09/2019

Fehr, SD, Pediatrics Sports Medicine, Waukesha Family Medicine Resident Lecture, Waukesha Memorial Hospital, Waukesha, WI, 08/14/2019

Fehr, SD, Sports Medicine: Upper Body, Resident Conference, Medical College of Wisconsin, 01/31/2020

Fehr, SD, Bioskills Injection, Orthopaedic Resident Lecture, Froedtert Lutheran Memorial Hospital, Milwaukee, WI, 02/06/2020

Fehr, SD, Upper Extremity Injuries in Adolescent Overhead Athletes, Resident Lectures, Virtual presentation, 04/09/2020

Fehr, SD, Pediatrics Primary Care Sports B Environmental Injuries, Orthopaedic Resident Conference, Virtual Conference, Milwaukee, WI, 06/24/2020

Fehr SD, Juvenile Osteochondritis Dissecans of the Knee, Sports Medicine Fellowship Lecture, Virtual, 07/2020

Fehr SD, Pediatrics Sports Medicine: Pediatrics Sports Injuries and Conditions, Waukesha Family Medicine Resident Lecture, Virtual, 11/2020

Fehr SD, Introduction to Musculoskeletal Ultrasound in the Clinic, MCW Orthopaedics BioSkills Course

Orthopaedic Resident Lecture, Froedtert Lutheran Memorial Hospital, 11/2020  
 Fehr SD, Musculoskeletal Injections, Orthopaedics BioSkills Course, MCW, 02/2021  
 Fehr SD, Overview of Musculoskeletal Ultrasound: Elbow, MCW Sports Medicine Fellowship Lecture Series, MCW, 09/2021  
 Kerschner A, Fehr SD, Evaluating Risk Factors of Overuse Lower Extremity Injury in the Female Runner, Orthopaedic Student Research Presentations, Milwaukee, WI, 01/2022  
 Fehr SD, Musculoskeletal Injections, MCW Orthopaedics BioSkills Course, Orthopaedic Resident Lecture, MCW, 02/2022  
 Fehr SD, Chronic Physeal Conditions in the Athlete, Fellow Lecture, Virtual, 02/2022  
 Fehr SD, Introduction to Musculoskeletal Ultrasound in the Clinic, Orthopaedic Student Research Presentations, Milwaukee, WI, 02/2022  
 Fehr SD, (Panelist), Faith Meets Practice, Meadowbrook Church, Wauwatosa, WI, 03/2022  
 Fehr SD, Overuse Sports Conditions in the Peds Athlete, Pediatric Rheumatology Conference, MCW, 03/2022  
 Fehr SD, Pediatric Sports Medicine: HEENT and Upper Extremity Injuries and Conditions, Virtual, 07/2022  
 Fehr SD, Pediatric Sports Medicine: Common Extremity Injuries and Conditions, Waukesha Family Medicine Lecture, Waukesha, WI, 08/2022  
 Fehr SD, Pediatric Sports Medicine Considerations, PMR Resident Sports Medicine Lecture Series, Virtual, 08/2022  
 Vala R, Fehr SD, Biomechanical and Physical Injury Risk Factors in Adolescent Female Runners, Orthopaedic Student Research Presentations, MCW, 12/2022  
 Fehr SD, Overview of Musculoskeletal Ultrasound: Elbow, MCW Sports Medicine Fellowship Lecture Series, Delafield, WI, 12/2022  
 Fehr SD, Introduction to Musculoskeletal Ultrasound in the Clinic, MCW Orthopaedics BioSkills Course Orthopaedic Resident Lecture, MCW, 02/2023  
 Fehr SD, Musculoskeletal Injections, MCW Orthopaedics BioSkills Course, Orthopaedic Resident Lecture, MCW, 02/2023  
 Fehr SD, Chronic Physeal Conditions in the Athlete, Fellow Lecture, Virtual, 02/2023  
 Fehr SD, Erickson JB, Joint Dislocation Management, Pediatric Emergency Medicine, MCW, 05/2023  
 Fehr SD, Kurt Lawton, Ultrasound Lecture, PM&R Fellowship Ultrasound Lectures, Delafield, WI, 10/09/2023  
 Fehr SD, Supporting the Personal, Professional, and Leadership Development of Novice APPs, CSG Professional Development, Milwaukee, WI, 10/2023  
 Fehr SD, Waukesha Family Medicine Residency Lecture, Waukesha, WI, 11/2023  
 Fehr, SD., Bioskills Module 16: Joint Aspirations & Injections/Ultrasound, Orthopaedic Resident Lecture, Froedtert, 02/22/2024  
 Fehr SD, Lawton, K., Physeal Injuries, Sports Medicine Lecture for PMR Fellowship, Virtual, 03/08/2024  
 Fehr SD., Concussion Talk, Waukesha West Youth Football Program, Waukesha, WI, 04/30/2024  
 Fehr SD., Ultrasound (ROCK: Ultrasonography), Orthopaedic Basic Science, Medical College of WI, 05/15/2024

### **Regional**

Chu SM, Fehr SD, Splinting Workshop for Primary Care Providers, Office-Based Sports Medicine for the Primary Care Provider, Aurora, CO., 05/2011  
 Fehr SD, Common Apophyseal Conditions, Children's Hospital of Wisconsin-Best Practices in Pediatrics, Wisconsin Dells, WI, 03/2012  
 Fehr SD, Juvenile Osteochondritis Dissecans of the Knee, Medical College of Wisconsin Sports Medicine Symposium, Medical College of Wisconsin, Milwaukee, WI, 03/2012  
 Fehr SD, Ward A., Concussion 2012, New Research in Concussion and Bracing for Sports Medicine, Pewaukee, WI, 01/2013  
 Fehr SD, New Research in Concussion and Bracing for Sports Medicine, Ward A. Concussion 2012, Pewaukee, WI, 01/2013  
 Fehr SD, Patellofemoral Pain Syndrome in the Young Athlete, Medical College of Wisconsin Sports Medicine Symposium, Medical College of Wisconsin, Milwaukee, WI, 03/2013  
 Fehr SD, Medical Management of the Complex Recovery Athlete, New Frontiers in the Assessment & Management of Sport-Related Concussion, Milwaukee, WI, 07/2013  
 Fehr SD, Concussion Evaluation, Management, and Return to Play. Concussion Management: From Impact



to Recovery, Children's Hospital of Wisconsin, Milwaukee, WI, 09/2013

Fehr SD, Pediatric Concussion: What's all the Fuss About?, Winter Refresher Course for Family Medicine, Waukesha Memorial Hospital, Waukesha, WI, 02/2014

Fehr SD, Upper Extremity Injuries in Youth Athletes, Medical College of Wisconsin Sports Medicine Symposium, Medical College of Wisconsin, Milwaukee, WI, 03/2014

Fehr SD, Why Girls' Concussions Are Different From Boys', Parents. Com, 04/2014

Fehr SD, Spondylolysis in the Athlete, BayCare Sports Symposium, Green Bay, WI, 09/2014

Fehr SD, Sports Specialization, Overuse Injuries and Burnout, Froedtert Hospital: St. Joseph's Campus, West Bend, WI, 09/2014

Fehr SD, Multidirectional Instability in the Young Athlete, Medical College of Wisconsin Sports Medicine Symposium, Milwaukee, WI, 03/12/2015

Fehr SD, Lower Extremity Fractures in the Young Athlete,, MCW Sports Medicine Symposium, Milwaukee WI, 03/2016

Fehr SD, Performance- Enhancing Substance Use in the Adolescent Athlete, St. Agnes Hospital Grand Rounds, Fon du Lac, WI, 05/2016

Fehr SC, Common Fractures in the Young Athlete, Children's Specialty Group, Milwaukee CME Banquet, Milwaukee, 05/2017

Fehr SD., Lower Extremity Apophysits., Medical College of Wisconsin Sports Medicine Symposium, Milwaukee, WI, 05/18/2018

Lehman PJ, Fehr SD, Physical Examination of the Spine, Children's Hospital of Wisconsin Best Practices in Pediatrics, Wisconsin Dells, WI, 03/2019

Fehr SD, Lehman PJ, Physical Examination of the Upper Extremity, Children's Hospital of Wisconsin Best Practices in Pediatrics, Wisconsin Dells, WI, 03/2019

Fehr SD, Overview of the Elbow and Shoulder in the Adolescent Athlete, SMART Series Lecture Virtual Presentation, Medical College of Wisconsin, 10/2021

Fehr, SD., Moderator and Speaker. Physical Examination of the Knee in the Young Athlete, CW SMART Series Webinar, Children's Wisconsin, 01/10/2024

### **National**

Fehr SD, Provance AJ, Poddar SK, Buck: A severe Leg Injury, American Medical Society for Sports Medicine Annual Meeting, Salt Lake City, UT, 05/2011

Fehr SD, Coel RA, Carry PM, Arm Injuries in Youth Baseball: A Need for Education, AMSSM Annual Meeting, Salt Lake City, UT, 05/2011

Fehr SD, Provance AJ, SK Poddar, Buck Buck: A Severe Leg Injury, AMSSM Annual Meeting, Salt Lake City, UT, 05/2011

Fehr SD, Introduction to Musculoskeletal Ultrasound Scanning Faculty, American College of Sports Medicine Annual Meeting, Denver, CO, 06/2011

Fehr SD, Provance AJ, JC Hill, "Pop" Warner Football: Hip Injury in Youth Football, ACSM Annual Meeting, Denver, Colorado, 06/2011

Fehr SD, Utility of the Athletic Trainer in a Clinic Setting, NATA Annual Meeting, Las Vegas, NV., 06/2013

Fehr SD, A Review of Radiologic Modalities in Pediatric Sports Medicine. National Athletic Trainers', Association (NATA) Annual Meeting, Las Vegas, NV, 06/2013

Fehr SD, Charboneau ML, Walter KD, Practical Considerations to Setting Up a Concussion Clinic, AMSSM Annual Meeting, New Orleans, LA., 04/2014

Fehr SD., The Role of the Athletic Trainer as a Physician Extender: A Physician's Perspective, National Athletic Trainers' Association (NATA) Annual Meeting, Indianapolis, IN, 06/2014

Fehr SD, Sports Medicine Radiology Review, National Athletic Trainers' Association (NATA) Annual Meeting, Indianapolis, IN., 06/2014

Fehr SD, Obesity Trends in America, ACMF Day, Roanoke, IL, 04/2016

Fehr SD, Relationship of Anthropometrics and Throwing Biomechanics in Youth Baseball Pitchers, 2017 Gait & Clinical Movement Analysis Society Annual Meeting, Salt Lake City, UT, 05/23/2017

Fehr, SD, Biomechanical Comparison of Youth Baseball Pitchers With/Without a History of Arm Pain or Injury, American Medical Society for Sports Medicine Annual Meeting, Houston, TX, 04/2019

Fehr, SD, Shoulder and Elbow Exam Workshop, Teaching Assistant, National American Academy of Pediatrics Conference, 10/2019

## **PEER REVIEWED WORKSHOPS/PRESENTATIONS:**

### **Local**

- Fehr SD, Knepp KE., Examining Family Physicians' Competency in Radiograph Interpretation: A Rural Clinic Study., Rural Student Physician Program Research Day., Peoria, IL., 06/2006
- Veenstra JM, Fehr SD, Pediatric Concussion and the Varying Factors that Influence Outcome, MCW Medical Student Research Day, Milwaukee WI, 09/2012
- Veenstra JM, Fehr SD, Pediatric Concussion and the Varying Factors that Influence Outcomes, MCW Medical Student Research Day Poster Presentation and Abstract, Milwaukee WI, 10/2012
- Pawlak EA, Fehr SD, Gender Differences in Pediatric Concussion Symptom Recovery and Duration, MCW Medical Student Research Day Poster Presentation and Abstract, Milwaukee WI, 10/2013
- Damrow D, Fehr SD, Establishing Biomechanics of Throwing in Youth Pitchers: 3D Joint Evaluation, MCW Medical Student Research Day Poster Presentation and Abstract, Milwaukee WI, 10/2014
- Hadro A, Damrow D, Liu XC, Butler B, Fehr SD, Comparisons in Muscle Strength and Joint Movement for Youth Pitcher with and Without Pain, MCW Research Day- Poster Presentation, Milwaukee, WI, 09/2015
- Hadro A, Damrow D, Liu XC, Butler B, Fehr SD, Comparisons in Muscle Strength and Joint Movement for Youth Pitcher with or without Pain, MCW Medical Student Research Day Poster Presentation and Abstract, Milwaukee WI, 10/2015
- Michael Apolinario (M2), Shayne Fehr, MD, Adam Hadro (M3), Xue Cheng Liu, MD, Ph.D; Brian Butler, DPT, ATC/L, Variables Related to Throwing Injuries in Youth, MCW Research Day, Center of Motion Analysis at Orthopaedic Surgery, Department of Orthopaedic Surgery, Medical College of Wisconsin, 11/2015
- Michael Apolinario (M2); Shayne Fehr, MD; Xue-Cheng Liu, MD, PhD; Sergey Tarima PhD, Relationship of Anthropometrics to Kinematic and Kinetic Variables in Youth Baseball Pitchers, MCW Research Day- Poster Presentation, Medical College of WI, 01/2016
- Hadro A, Damrow D, Liu XC, Butler B, Tarima S and Fehr SD, Comparisons of Muscle Strength to Joint Movement in Youth Pitchers., MCW Orthopedic Grand Rounds Student Research Day- Podium Presentation, Milwaukee, WI, 01/2016
- Whealy G, Fehr SD, Investigation of Musculoskeletal Ultrasound as a Modality for Evaluation Proximal Humeral Epiphysiolysis, MCW Medical Student Research Day Poster Presentation and Abstract, Milwaukee WI, 10/2017
- Whealy, G, Fehr SD, Variables related to throwing injuries in youth, 2017 Summer Research Student Poster Presentations, Medical College of Wisconsin, Milwaukee, WI, 01/2018
- Hays G, Liu XC, Fehr SD, Kinematic Assessment of Bracing in Spondylolysis, MCW Medical Student Research Day Poster Presentation and Abstract, Milwaukee WI, 10/2018
- Lumetta K, Fehr SD, Thomas D, Functional Assessment of Concussion Tool Development, MCW Medical Student Research Day Poster Presentation and Abstract, Milwaukee WI, 10/2019
- Kerschner A, Fehr SD, Cross J., Biomechanical and Physical Injury Risk Factors of Adolescent Female Runners., Medical Student Research Day Poster Presentation and Abstract., Milwaukee, WI, 10/2021
- Vala R, Fehr SD, Cross J, Fritz J., Biomechanical and Physical Injury Risk Factors of Adolescent Female Runners., Medical Student Research Day Poster Presentation and Abstract., Milwaukee, WI, 10/2022

### **Regional**

- Lehman PJ, Walter KD, Fehr SD., Case Report: Diagnosis and Management of Pediatric Sport-Related Concussion., Best Practices in Pediatrics Conference., Wisconsin Dells, WI., 03/2015
- Ford AR, Fehr SD., A Rare Cause of Foot Pain in an Adolescent Male Who Plays Basketball., Best Practices in Pediatrics Conference., Wisconsin Dells, WI., 03/2015
- Butler B, Fehr SD, Hadro A, Apolinario M, Damrow D, Liu XC, Kinematic Strength Predictors at the Shoulder in Youth Baseball Players, Wisconsin Physical Therapy Association, Green Bay, WI, 04/2017
- Butty D, Fehr SD, Walter KD, Hornbeck KM, Thoracic Outlet Syndrome in an Adolescent Dancer, Best Practices in Pediatrics Conference, Wisconsin Dells, WI, 03/2018
- Trevino R, Fehr SD, A Case of Talar Osteochondritis Dissecans in a Swimmer, Best Practices in Pediatrics Conference, Wisconsin Dells, WI, 03/2019
- Alexandra L. Johnson, BS, Caballero M, Fehr SD, Dziuk C, Cross J., The Effects of Sport Specialization on Adolescent Baseball Pitching Kinematics, MCW Research Day Abstract, Medical College of Wisconsin, 01/2024

### **National**

- Fehr SD., Provance AJ, SK Poddar. Buck Buck: Acute Knee Pain and Swelling in an Adolescent Male., AMSSM Annual Meeting, Salt Lake City, UT., 05/2011
- Fehr SD, Coel RA, Carry PM., Arm Injuries in Youth Baseball: A Call for Education., AMSSM Annual Meeting., Salt Lake City, UT., 05/2011
- Fehr SD., Introduction to Musculoskeletal Ultrasound Scanning faculty., ACSM Annual Meeting., Denver, CO., 06/2011
- Fehr SD, Provance AJ, Hill JC., “Pop” Warner Football: Hip Injury in Youth Football., ACSM Annual Meeting, Denver, CO., 06/2011
- Fehr SD, Liu XC, Lyon RM, Walter, KD., Biomechanics at the Elbow in Youth With and Without Pitching Experience., AMSSM Annual Meeting., Atlanta, GA., 05/2012
6. Fehr SD, Scharer K, Veenstra J, Walter KD, Liu XC., Findings and Outcomes in a Pediatric Concussion Clinic., AMSSM Annual Meeting., San Diego, CA., 04/2013
- Hahn J, Walter KD Fehr SD., Basketball Player with Bilateral Foot Pain., AMSSM Annual Meeting., New Orleans, LA., 04/2014
7. Fehr SD, Scharer K, Pawlak E, Walter, KD, Liu XC., Gender Differences in Pediatric Concussion Symptom Severity and Duration., AMSSM Annual Meeting., New Orleans, LA., 04/2014
- Ulgren B, Fehr SD., The Boy with a Painful “Double” Knee., AMSSM Annual Meeting., New Orleans, LA., 04/2014
- Adam Hadro, Shayne Fehr, Derek Damrow, Michael Apolinario, Brian Butler, Xue Cheng Liu, Relationships of Rotational Strength and Kinematics of the Shoulder in Youth Baseball Players, ORS 2017 Annual Meeting, San Diego, California., 03/22/2017
- Hays C, Fehr S, Liu XC, Haddas R, Does Corset Bracing Alter 3D Kinematics of the Spine During ADL in Children With Spondylolysis, ORS 2019, Plano, TX, 02/2019
- Trevino R, Fehr SD, Low Risk Lateral Ankle Injury in a Competitive Swimmer, American Medical Society for Sports Medicine Annual Meeting, Houston, TX, 04/2019
- Fehr SD, Biomechanical Comparison of Youth Baseball Pitchers With/Without a History of Arm Pain or Injury, American Medical Society for Sports Medicine Annual Meeting, Houston, TX, 04/2019
- Miller M, Fehr SD, Research Abstract: Atypical Outcome of a Concussion Patient, ORS 2020 Annual Meeting, Phoenix, AZ, 02/2020
- Hays C, Fehr SD, Liu XC, Haddas R, Research Abstract: Shoulder ROM in Youth Baseball Pitchers: Pain vs. No Pain, ORS 2020 Annual Meeting, Plano, TX, 02/2020
- Miller M, Fehr SD, Atypical Outcome of a Concussion Patient, American Medical Society for Sports Medicine Annual Meeting, Virtual 2020, 04/2020
- Caballero M, Fehr SD, Dziuk C, Cross J, Relationship Between Injury History and Pitching Biomechanics in Adolescent Baseball Pitchers, Association of Academic Physiatrists Annual Meeting Poster, Virtual 2021, 02/2021
- Hays C, Fehr S., Fourteen-Year-Old Female Soccer Player with Persistent Right Upper Extremity Pain., American Medical Society for Sports Medicine Annual Meeting., Phoenix, AZ, 04/2023
- Fehr SD, Butler B, Burton H., A Clinical Curveball: Hip to Shin, Where to Begin?, American Medical Society for Sports Medicine Annual Meeting, AMSSM Conference, 04/2024

### **International**

- Hong K, Selthafner M, Fehr SD, Walter K, Liu XC., Early Physical Therapy Intervention in an Adolescent Athlete with L5 Spondylolysis and Grade 1 L5-S1 Spondylolisthesis: A Case Study., International Research Society of Spinal Deformities 2021 Meeting, Virtual, 01/2021
- Hays C, Fehr SD, Liu XC, Haddas R., Impact of Corset Bracing on 3D Spine Kinematics During ADLs in Children with Spondylolysis., International Research Society of Spinal Deformities 2021 Meeting., Virtual, 01/2021
- Apps J, Fehr SD, Thomas D., Functional Assessment of Concussion Tool (FACT) Application for Measuring Symptom Impact and Recovery., 6th International Consensus Conference on Concussion in Sport., Amsterdam, 10/2022
- Fehr SD, Hadro A, Butler B, Cross J, Whealy G, Damrow D, Liu XC., Clinical and Biomechanical Comparisons Between Youth Pitchers With and Without a History of Throwing Arm Pain or Injury., 41st International Society of Biomechanics in Sport Annual Conference., Milwaukee, WI, 07/2023

## **MEDICAL COLLEGE TEACHING ACTIVITIES:**

### **Medical Student Education**

- 2011 - Present Preceptor, Pediatrics Clerkship (sports medicine), up to 4 students per month, 1-2 clinics per student
- 2011 - Present Preceptor, Sports Medicine Senior Elective, up to 2 students per month, 2-4 clinics per student
- 2013 - 2015 Preceptor, M2 Clinical Apprenticeship Course, 1 student per year, 1 clinic per week with weekly student assignments

### **Resident and Fellow Education**

- 2010 - Present Physical Medicine and Rehabilitation Residents, 6 per year for ½ day 2 month rotation
- 2011 - Present Pediatric Med-Peds Residents 10-12 per year, month rotations, 4-5 days a week.
- 2011 - 2015 Primary Care/Family Medicine Sports Medicine Fellow, 1 per year, ½ - 1 day every other week
- 2011 Adolescent Medicine Fellows 3 per year, 1 day per month
- 2011 Columbia St Mary's Regional Family Medicine Residents, 12-14 per year, month rotations, 1 day every other week
- 2011 - Present Emergency Medicine Fellows 3 per year, month rotations, 4 days per week
- 2011 - Present Preceptor, Physical Medicine and Rehabilitation Resident Sports Medicine Elective
- 2011 - Present Preceptor, Family Medicine Resident Pediatric Sports Medicine Elective
- 2011 - Present Preceptor, Pediatric Intern Outpatient Specialty Elective
- 2011 - Present Preceptor, Pediatrics/Medicine-Pediatrics Resident Sports Medicine Elective
- 2018 - Present Preceptor, Primary Care Sports Medicine Fellow Rotation, 1 per year, 1 day per week several weeks per year

## **MCW STUDENTS, FACULTY, RESIDENTS AND CLINICAL/RESEARCH FELLOWS MENTORED:**

### **Medical Students**

- Joshua Veenstra, Medical College of Wisconsin, 2011 - 2015 Research Pathway Advisor
- Elizabeth Pawlak Traudt, Medical College of Wisconsin, 2012 - 2016 Research Pathway Advisor
- Rob Tuliszewski, Medical College of Wisconsin, 2012 - 2015 Clinical Staff
- Derek Damrow, Medical College of Wisconsin, 2013 - 2017 Clinical Apprenticeship, Research/Pathways
- Jonathan Heimler, Medical College of Wisconsin, 2013 - 2014 Pathways Advisor
- Adam Hadro, Medical College of Wisconsin, 2014 - 2018 Research Mentor, Pathways Advisor
- Michael Apolinario, Medical College of Wisconsin, 2015 - 2019 Research Mentor, Pathways Advisor
- Kedric Glenn, Medical College of Wisconsin, 2015 - 2018 Research Mentor, Pathways Advisor
- Ciani Ellison Hadro, Medical College of Wisconsin, 2015 - 2016 Clinical Apprenticeship
- Gunner Whealy, Medical College of Wisconsin, 2016 - 2020 Research Mentor, Pathways Advisor
- Cameron Hays, Medical College of Wisconsin, 2017 - 2021 Research Mentor, Pathways Advisor
- Katherine Lumetta, Medical College of Wisconsin, 2018 - 2022 Research Mentor
- Anna Kerschner, Medical College of Wisconsin, 2020 - 2023 Research Mentor, Pathways Advisor
- Ruturaj Vala, Medical College of Wisconsin, 2021 - 2023 Research Mentor

### **Clinical/Research Fellows**

- Kurt Lawton, Medical College of Wisconsin, 2023 - Present Clinical and Research Mentor

### **Residents**

- Berkin Ulgen, Medical College of Wisconsin, 2013 - 2014 Clinical and Research Mentor
- James Hahn, Medical College of Wisconsin, 2013 - 2014 Clinical and Research Mentor
- Patrick Lehman, Medical College of Wisconsin, 2014 - 2016 Clinical and Research Mentor
- Amy Ford, Medical College of Wisconsin, 2014 - 2015 Clinical and Research Mentor
- Jennifer Lhost, Medical College of Wisconsin, 2015 - 2017 Clinical Mentor
- Yuka Kobayashi, Medical College of Wisconsin, 2016 - 2019 Clinical Mentor
- Lauren Brockman, Medical College of Wisconsin, 2017 - 2018 Clinical Mentor
- Davietta Butty, Medical College of Wisconsin, 2017 - 2018 Clinical and Research Mentor
- Robert Trevino, Medical College of Wisconsin, 2018 - Present Clinical and Research Mentor
- Melissa Miller, Medical College of Wisconsin, 2019 - Present Clinical and Research Mentor

Meghan Caballero, Medical College of Wisconsin, 2019 - 2023 Clinical and Research Mentor  
Remzi Sipahi, Medical College of Wisconsin, 2019 - Present Clinical Mentor  
Jacob Pfeifer, Medical College of Wisconsin, 2021 - 2022 Clinical Mentor  
Cameron Hays, Medical College of Wisconsin, 2022 - 2023 Clinical and Research Mentor

## **PROGRAMMATIC DEVELOPMENTS:**

### **Clinical Programs**

01/2013 - Present Facilitated clinical outreach to Milwaukee Junior Admirals Hockey Club with Kevin Walter, MD  
01/2013 - 06/2017 Facilitated clinical outreach to SC Waukesha Soccer Club with Kevin Walter, MD  
01/2013 - Present Musculoskeletal Ultrasound Program Director, Pediatric Orthopaedics  
08/2014 - Present Facilitated clinical outreach to North Shore Soccer Club with Kevin Walter, MD  
01/2015 - 12/2017 Facilitated outreach to FC Strike Soccer Club with K. Walter, MD

## **COMMUNITY SERVICE ACTIVITIES:**

11/2008 NCAA Soccer Tournament, 1st round, St. Louis, Missouri  
11/2009 Atlantic-10 NCAA Volleyball Championship, St. Louis Missouri  
08/2010 100- Mile MTB Race, Medical Team Captain, Leadville, CO  
11/2010 Colorado State Cross Country Championship  
12/2010 Colorado 3A State Football Championship and Playoffs, Denver, CO  
12/2010 NCAA Hockey, Denver Cup Classic Title, Denver, CO  
02/2011 Colorado State Wrestling Regional Tournament, Denver, CO  
04/2011 NCAA Gymnastic Regional Tournament, Denver, CO  
05/2011 Real Soccer Club, Real Cup Soccer Tournament, Denver, CO  
03/2012 Fehr SD. Concussion 101. University School of Milwaukee, Milwaukee, WI. 3/2012  
04/2012 Fehr SD. Concussion Evaluation and Management. Stop Sports Injuries Symposium, Wauwatosa, WI. 4/2012  
05/2012 Present WIAA Girls' Soccer State Tournament, Milwaukee, WI  
01/2013 Milwaukee Junior Admirals Hockey Tournament, Milwaukee, WI  
03/2013 Fehr SD. Mild Traumatic Brain Injury in the Young Athlete: Past, Present, and Future. Pilot Club Brain Injury Lecture. Milwaukee, WI. 3/2013  
03/2014 Fehr SD. Lower Extremity Injuries in the Young Athlete. North Shore United Coaches Clinic. Greenfield, WI. 3/2014  
09/2014 Fehr SD. Lower Extremity Injuries in the Young Athlete. North Shore Family Night. Cedarburg, WI. 9/2014  
2014 - 2016 SC Waukesha Augustfest Soccer Tournament, Waukesha, WI  
03/2015 Fehr SD. Concussion in the Young Athlete. Delafield Family Night. Delafield, WI. 3/2015  
2015 - 2017 SC Waukesha May Madness Soccer Tournament, Waukesha, WI  
06/2016 Fehr SD, Overuse injuries and Burnout, FC Strike Soccer Club Orientation Night, Hartland, WI.  
09/2016 Fehr SD, Youth Concussion, Arrowhead Youth Hockey Club, Hartland, WI.  
09/2016 Fehr SD, KISS FIM/THE MIX Overuse injuries in youth, KISS FIM/THE MIX Radio Spot Recording, Greenfield, WI  
09/2016 - Present NSU Fall Classic Soccer Tournament, Cedarburg, WI  
03/2017 NSAG Boys State Gymnastics Meet, Cedarburg, WI  
08/2017 Fehr SD, Flatland TC, Concussion in the Young Athlete, Community Educational Session, Delafield, WI  
10/2019 WIAA Boys' Soccer State Tournament, Milwaukee, Wisconsin, WI  
12/2019 Milwaukee Ballet, The Nutcracker, Milwaukee, WI  
11/2020 WIAA Girls' State Swim and Dive Championships, Waukesha, WI  
2020 - Present Sports Medicine Activities: Team Physician Experiences, Waukesha North High School, Football  
02/2022 WIAA Boys' State Swim and Dive Championships, Waukesha, WI

09/2022 Children's Briggs and Al's Run & Walk  
10/2022 Co-Medical Director, Not the Lakefront Marathon, Bay View, WI  
02/2023 WIAA Boys' State Swim and Dive Championships, Waukesha, WI

**GLOBAL HEALTH ACTIVITIES:**

09/1999 Ciudad Juárez, Mexico  
03/2006 Ciudad Juárez, Mexico  
06/2006 - 06/2009 Telo Island, Indonesia  
04/2007 San José, Costa Rica  
06/2009 MAP International Mobile Clinic, Telo Island, West Sumatra, Indonesia  
02/2014 Bonne Fin, Haiti  
04/2016 Bonne Fin, Haiti  
04/2017 Bonne Fin, Haiti

**SPORTS MEDICINE ACTIVITIES: SPORTS EVENT COVERAGE:**

11/2008 NCAA Soccer Tournament, 1st Round, St. Louis, Missouri  
11/2009 Atlantic-10 NCAA Volleyball Championship, St. Louis, Missouri  
08/2010 100-Mile MTB Race, Medical Team Captain, Leadville, CO  
11/2010 Colorado State Cross Country Championship  
12/2010 Colorado 3A State Football Championship and Playoffs  
12/2010 NCAA Hockey, Denver Cup Classic Title  
02/2011 Colorado State Wrestling Regional Tournament  
04/2011 NCAA Gymnastics Regional Tournament  
05/2011 Real Soccer Club, Real Cup Soccer Tournament  
05/2012 WIAA Girls' Soccer State Tournament, Milwaukee, WI  
10/2012 WIAA Boys' Soccer State Tournament, Milwaukee, WI  
10/2012 University of Wisconsin Milwaukee Ballet, FALLing, Milwaukee, WI  
12/2012 Milwaukee Ballet, The Nutcracker, Milwaukee, WI  
08/2013 USA Triathlon, Milwaukee, WI  
05/2014 WIAA Girls' Soccer State Tournament, Milwaukee, WI  
09/2014 Medical Tent Coordinator and Associate Medical Director, Lakefront Marathon, Milwaukee, WI  
10/2014 WIAA Boys' Soccer State Tournament, Milwaukee, WI  
08/2015 Maccabi Games  
06/2017 Milwaukee Torrent Men's Professional Soccer-Event Coverage.

**SPORTS MEDICINE ACTIVITIES: SPORTS MEDICINE EXPERIENCES:**

07/2008 Pre-participation physical examinations: Thunder Ridge High School, Highlands Ranch, Colorado  
06/2009 Pre-participation physical examinations: Smoky Hill High School, Aurora, Colorado  
08/2010 Pre-participation physical examinations: University of Colorado, Boulder, Colorado, Rangeview High School, Aurora, Colorado  
10/2010 Member, Medical Planning Committee, Bear Chase Ultra marathon.  
10/2010 Member, Medical Planning Committee, Bear Chase Ultramarathon  
11/2010 Wrestling Certification, Overland High School Aurora, Colorado  
11/2010 Pre-participation physical examinations: Ponderosa High School, Parker, Colorado  
11/2010 Wrestling Certification, Overland High School, Aurora, CO  
2010 - 2011 Member, The Children's Hospital Concussion Team Aurora, Colorado  
05/2011 Pre-participation physical examinations: Adams 12 Schools Physicals (CAPS), Thornton, CO

**SPORTS MEDICINE ACTIVITIES: TEAM PHYSICIAN EXPERIENCES:**

2008 St. Louis University, St. Louis, Missouri Basketball, Soccer, Women's Volleyball (assistant)  
2008 McKendree University, Lebanon, Illinois Football, Wrestling, Women's Soccer (assistant)  
11/2009 Horizon High School, Aurora, Colorado Football (assistant)  
11/2009 Smoky Hill High School, Aurora, Colorado Football (assistant)  
11/2010 Ponderosa High School, Parker, CO  
2010 - 2011 Mountain Range High School, Thornton, Colorado Football

2010 - 2011 University of Colorado, Boulder, Colorado Football  
 2010 - 2011 University of Denver, Denver, Colorado Hockey, Women's Soccer, Volleyball, Lacrosse, Basketball  
 2010 - 2011 Overland High School, Aurora, Colorado Football  
 05/2011 - 05/2010 Adams 12 Schools Physicals (CAPS), Thornton, CO  
 08/2012 Journey House Physicals, Milwaukee, WI  
 08/2013 Journey House Physicals, Milwaukee, WI  
 08/2014 Journey House Physicals, Milwaukee, WI  
 2015 - Present Lakefront Marathon, Medical Director, Milwaukee WI  
 2020 - Present Waukesha North High School Football Team Physician

## **BIBLIOGRAPHY**

### **Refereed Journal Publications/Original Papers**

1. Fehr SD, Grubenhoff JA. Pediatric Head Injuries. Pediatric NP/PA. 7/2011.
2. Damrow D, Liu XC, and Fehr, S. Musculoskeletal injuries and related biomechanics for youth baseball pitching. Journal of Musculoskeletal Research. Vol. 18, No. 2, 2015 June.
3. Fehr S, Damrow D, Kilian C, Lyon R, and Liu XC. Elbow biomechanics of pitching: does age or experience make a difference? Accepted March 29, 2016 for publication in Sports Health. 2016 Sept;8(5): 444-450, Sports Health.
4. Fehr SD, Nelson LD, Scharer KR, Traudt MD, Veenstra JM, Tarima SS, Lui XC, Walter KD. Risk Factors of Prolonged Symptoms of Mild Traumatic Brain Injury: A Pediatric Sports Concussion Clinic Cohort, 2017 Nov 13. doi: 10.1097/JSM.0000000000000494
5. Fehr SD, Grubenhoff JA, Pediatric Mild Traumatic Brain Injury: An Overview of Recognition and Early Management. Pediatric NP/PA, 2011 Jun;2(3):1.24
6. Fehr SD, Nelson LD, Scharer KR, Traudt EA, Veenstra JM, Tarima Ss, Liu XC, Walter KD, Risk Factors for Prolonged Symptoms of Mild Traumatic Brain Injury: A Pediatric Sports Concussion Clinic Cohort. Clin J Sport Med, 2019 Jan;29(1):11-17
7. Lumetta K, Halama SR, Fehr SD, Apps J, Thomas DG, Functional Assessment of Concussion Tool Application in a Pediatric Concussion Clinic, Wisconsin Medical Journal, January 2023

### **Books, Chapters, and Reviews**

1. Walter KD, Fehr SD. Sports-Related Concussion. Pediatric Orthopedics and Sports Injuries. AAP 2nd ed. 14 Jun 2014
2. Fehr SD, Walter KD, Rice SG. The High School Athlete: Setting up a High School Sports Medicine Program. Netter's Sports Medicine, 2nd (ed), Philadelphia: Elsevier; 2017; Chapter 11, 71-84 p.
3. Fehr, SD. 2018. Gait Disturbances. Nelson Symptom-Based Diagnosis, 1st Edition, 614-632 p: Elsevier - Health Sciences Division, Philadelphia, PA.
4. Fehr SD, Rates of Persistent Post-Concussive Symptoms in Children: A Systematic Review and Meta-Analysis, Pediatrics publication, pediatricseditorial@aap.org, University of Vermont Lamer College of Medicine, Review Submission on 05/31/2021

### **Abstracts**

1. Fehr SD, Damrow D. Establishing Biomechanics of Throwing in Youth Pitchers: 3D Joint Evaluation. MCW Medical Student Research Day, Medical College of Wisconsin, Milwaukee, WI. 10/2014
2. Glenn KJ, Fehr SD, LaRoche AA, McCrea MM. OTC Use After Concussion: Friend or Foe? AAN Sports Concussion Conference. Chicago, IL. 7/2016. Apolinario, M, Fehr SD, MD; Liu XC, Tarima SS. Relationship of Anthropometrics to Kinematic and Kinetic Variables in Youth Baseball Pitchers, MCW Research Day- Poster Presentation, Medical College of WI, 01/2016.
3. Butler BR, Fehr S, Hadro A, Apolinario M, Damrow D, Cheng Liu X. Kinematic Strength Predictors at the Shoulder in Youth Baseball Players. Wisconsin Physical Therapy Association. Green Bay, WI. 4/2017
4. Apolinario MS, Fehr S, Damrow D, Hadro A, Liu XC, Butler B, Tarima S. Relationship of Anthropometrics and Throwing Biomechanics in Youth Baseball Pitchers. Gait and Clinical Movement Analysis Society Annual Meeting. Salt Lake City, UT. 5/2017.
5. Fehr SD, Coel RA, Carry PM. Arm Injuries in Youth Baseball: A Call for Education. Clin J Sport Med. 2011; 21(2): 160.
6. Fehr SD, Provance AJ, Hill JC, "Pop: Warner Football: Hip Injury in Youth Football. Medicine & Science in

- Sports & Exercise. 2011; 43(5):215.
7. Fehr SD, Liu XC, Lyon RD, Walter KD. Biomechanics at the Elbow in Youth With and Without Pitching Experience. Clin J Sport Med. 2012; 22(2): 167.
  8. Fehr SD, Scharer K, Veenstra J, Walter KD, Liu XC. Findings and Outcomes in a Pediatric Concussion Clinic. Clin J Sport Med. 2013; 23(2): 143.
  9. Fehr SD, Scharer K, Pawlak E, Walter KD, Liu XC. Gender Differences in Pediatric Concussion Symptoms Severity and Duration. Clin J. Sport Med. 2014;24(2): 167.

#### **Database, Video, or Other Research/Clinical Contributions**

1. Fehr SD. Preventing throwing injuries: How to stay in the game. Metroparent Milwaukee Magazine E-Publication, Milwaukee Archive; <http://www.milwaukeeemoms.com/metroparent>. 6/2012
2. Fehr SD. Why the Right Throwing Skills are Important for Young Athletes. Children's Hospital & Health System Blog; <http://blog.chw.org/2012/07/why-the-right-throwing-skills-are-important-for-young-athletes/>. 7/2012
3. Fehr SD. Anterior Knee Pain. SC Waukesha/Children's Hospital Monthly Update;<http://www.scwaukesha.org/ChildrensHospitalHotline/ChildrensHospitalMonthlyUpdate/tabid/183/Default.aspx>. 2013
4. Fehr SD. Facebook Live Chat Concussion and Sports Medicine Q and A. <https://www.facebook.com/childrenshospitalwi/photos/gm.1388422281476323/944984512192461/?type=1&theater>. 3/2015
5. Safe Sports Participation in the Heat and Humidity, For Your Health program, 620 WTMJ-AM, Milwaukee, WI, 6/2018.
6. Keeping Kids Hydrated in the Heat, Children's Hospital and Health Systems Blog, 5/2018.
7. Fractures in Athletes, Live at Noon, WTMJ 4 CBS, Milwaukee, WI, 05/2017.
8. Overuse Injuries in Youth, Kiss FM/The Mix, Greenfield, WI, 09/2016.
9. Too Much Rest Is Not Best for Concussion, Evening News, WBAY2 ABC, Green Bay, WI, 01/2015.
10. Reducing Sports Injuries in Kids, Morning Show 620 WTMJ-AM, Milwaukee, WI, 12/2014.
11. Backpack Safety, Wisconsin's Morning News, 620 WTMJ-AM, Milwaukee, WI, 09/2014.
12. Why Girls' Concussions Are Different from Boys, Parents.com, 04/2014.
13. Girls Suffer Worse Concussions, Study Suggests, CBS.com, 04/2014.
14. Vande Berg T. Top of the Foot Pain, Beginner Triathlete E-Publication, <http://www.beginnertriathlete.com/cms/article-detail.asp?articleid=2505>. 09/2012.
15. Fehr SD, Duerson D, Winton E, Nicotra A. The Man With Migratory Pains. AMSSM/AOASM Case Study Teaching Tool. American Medical Society for Sports Medicine. [https://www.amssm.org/the\\_man\\_with\\_migratory\\_pai-csa-1071.html?StartPos=0&Part](https://www.amssm.org/the_man_with_migratory_pai-csa-1071.html?StartPos=0&Part) 2023

#### **Software, Software Modules**

1. Fehr SD, Vande Berg T. Top of the Foot Pain. Beginner Triathlete E-Publication; <http://www.beginnertriathlete.com/cms/article-detail.asp?articleid=2505>. 9/2012.
2. Fehr SD, Provance AJ, Poddar SK. Buck Buck: Acute Knee Pain and Swelling in an Adolescent Male. AMSSM/AOASM Case Studies Teaching Tool E-Publication; <http://www.amssm.org/buck-buck:-acute-knee-pai-csa-89.html>. 5/2011.
3. Fehr SD, Walter KD. Freiberg Disease. Medscape Reference; <http://emedicine.medscape.com/article/1236085-overview>. 4/2013. Updated 3/2015