

CURRICULUM VITAE

Carole S. Vetter MD

Professor

Department of Orthopaedic Surgery

Division of Clinical

OFFICE ADDRESS:

The Hub for Collaborative Medicine
8701 Watertown Plank Road
Milwaukee, WI 53226

EDUCATION:

08/1984 - 12/1988 B.S., University of Wisconsin, Madison, WI
08/1989 - 05/1993 M.D., Medical College of Wisconsin, Milwaukee, WI

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

07/1993 - 06/1998 Resident, Orthopaedic Surgery, Medical College of Wisconsin Affiliated Hospitals, 9200 W. Wisconsin Ave, Milwaukee, WI 53226
08/01/1998 - 07/31/1999 Fellowship-Sports Medicine, University of Utah, 590 Wakara Way, Salt Lake City, UT 84108

FACULTY APPOINTMENTS:

09/1999 - 07/2008 Assistant Professor, Orthopaedic Surgery, Sports Medicine, Medical College of Wisconsin, 9200 W. Wisconsin Ave, Milwaukee, WI 53226
07/01/2000 - Present Adjunct Associate Professor, Biomedical Engineering, Marquette University, Milwaukee, WI
07/2008 - 02/2014 Associate Professor, Orthopaedic Surgery, Sports Medicine, Medical College of Wisconsin, 9200 W. Wisconsin Ave, Milwaukee, WI 53226
07/01/2010 - Present Adjunct Professor, Orthopaedic & Rehabilitation Engineering Center, Marquette University and Medical College of Wisconsin, Olin Engineering Center, 1515 W. Wisconsin Avenue, Milwaukee, WI 53233
02/2014 - Present Professor, Orthopaedic Surgery, Sports Medicine, Medical College of Wisconsin, 9200 W. Wisconsin Ave, Milwaukee, WI 53226
09/2014 - 08/2022 David S. Haskell, MD Endowed Chair of Education, Orthopaedic Surgery, 9200 W. Wisconsin Ave., Milwaukee, WI 53226

EDUCATIONAL ADMINISTRATIVE APPOINTMENTS:

09/01/1999 - Present Director Required Orthopaedic Surgery Sports Medicine Rotation, Orthopaedic Surgery, Sports Medicine, Medical College of Wisconsin, 9200 W. Wisconsin Ave, Milwaukee, WI 53226
2001 - 2013 Director Orthopaedic Surgery Bio Skill Lab, Orthopaedic Surgery, Sports Medicine, Medical College of Wisconsin, 9200 W. Wisconsin Ave, Milwaukee, WI 53226
2001 - 2020 Director Arthroscopy Skills Course, Orthopaedic Surgery, Sports Medicine, Medical College of Wisconsin, 9200 W. Wisconsin Ave, Milwaukee, WI 53226
03/2007 - 06/2011 Associate Residency Program Director, Orthopaedic Surgery, Medical College of Wisconsin, 9200 W. Wisconsin Ave, Milwaukee, WI 53226
07/2011 - 06/2021 Residency Program Director, Orthopaedic Surgery, Medical College of Wisconsin, 9200 W. Wisconsin Ave, Milwaukee, WI 53226
07/2012 - 06/2021 Website Designer/Administrator, Orthopaedic Surgery, Medical College of Wisconsin, 9200 W. Wisconsin Ave, Milwaukee, WI 53226

HOSPITAL AND CLINICAL ADMINISTRATIVE APPOINTMENTS:

01/2011 - 01/2017 Medical Director, Orthopaedic Surgery, Sports Medicine, Froedtert and the Medical College Sports Medicine Center, 8701 Watertown Plank Road, Milwaukee, WI 53226

HOSPITAL STAFF PRIVILEGES:

09/30/1999 - 03/29/2002 Clement Zablocki VA Medical Center, 5000 W. National Ave., West Allis, WI 53295

10/04/1999 - 02/17/2014 Children's Hospital of Wisconsin, 9000 W. Wisconsin Ave., Milwaukee, WI 53226

10/27/1999 - Present Physician Surgeon, Froedtert Memorial Lutheran Hospital, 9200 W. Wisconsin Ave., Milwaukee, WI 53226

01/25/2000 - 02/24/2004 Wheaton Franciscan Healthcare - Elmbrook Memorial Hospital, 19333 W. North Ave., Brookfield, WI 53045

03/2002 - 12/31/2003 Health South Surgery Center of Wauwatosa, 10900 W. Potter Rd, Wauwatosa, WI 53226

03/01/2005 - Present Physician Surgeon, Froedtert Surgery Center, 840 N. 87th St., Milwaukee, WI 53226

11/03/2014 - Present Physician Surgeon, West Bend Surgery Center, West Bend, WI

12/01/2014 - Present Physician Surgeon, St. Joseph's Hospital, West Bend, WI

06/01/2015 - Present Physician Surgeon, Children's Hospital of Wisconsin, Milwaukee, WI 53226

07/17/2017 - Present Physician Surgeon, Community Memorial Hospital, W180 N8085 Town Hall Road, Menomonee Falls, WI 53051

SPECIALTY BOARDS AND CERTIFICATION:

<u>Board Certified</u>	<u>Issue Date</u>	<u>Expiration</u>
Athletic Trainer, Certified	03/1989	01/2011
Board Certified	07/1998	07/2031
Sports Medicine Certificate of Added Qualification	11/07/2008	12/31/2031

<u>Certificates</u>	<u>Issued By</u>	<u>Issue Date</u>	<u>Expiration</u>
CPR	AHA	06/2008	06/2010

<u>Licensure</u>	<u>Number</u>	<u>Issue Date</u>	<u>Expiration</u>
Wisconsin, MD	35648	07/1994	10/31/2021
Utah, MD	98-359980-1205	08/1998	01/31/2014
Wisconsin, LAT	266-039	07/2001	06/30/2012

AWARDS AND HONORS:

06/2001 Outstanding Orthopaedic Clinical Instructor, Medical College of Wisconsin Department of Orthopaedic Surgery

2007 - 2008 Best Doctors in America

04/2008 Quest Quality Gold Coin Award, Froedtert Hospital

2008 - 2009 Best Doctors in America

2009 - 2010 Best Doctors in America

2010 - 2011 Best Doctors in America

06/2011 Quest Quality Gold Coin Award, Froedtert Hospital

2011 Milwaukee Super Doctors

2011 - 2012 Best Doctors in America

2012 - 2013 Best Doctors in America

2012 Top Doctors, M Magazine

03/2013 Top 20 Physician Scores for Patient Satisfaction, Froedtert Health

06/2013 Excellence in Academic Teaching Award, Medical College of Wisconsin Department of Orthopaedic Surgery

2013 Top Doctors, M Magazine

2013 - 2014 Best Doctors in America
 2014 - 2015 Top Doctors, M Magazine
 2014 - 2015 Best Doctors in America
 2015 - 2016 Best Doctors in America
 2015 - 2016 Top Doctors, M Magazine
 2016 - 2017 Top Patient Satisfaction Survey Results, Froedtert & The Medical College
 2016 - 2017 Best Doctors in America
 2016 - 2017 Top Doctors, M Magazine
 2017 - 2018 Top Doctors, M Magazine
 2017 - 2018 Best Doctor, Best Doctors in America
 2018 - 2019 Best Doctor, Best Doctors in America
 2018 - 2019 Exceptional Women In Medicine, Castle Connolly
 2018 - 2019 Outstanding Medical Student Teacher, Medical College of Wisconsin Curriculum and Evaluation Committee
 2018 - 2019 Top Doctors, M Magazine
 2019 Exceptional Women in Medicine, Castle Connolly
 2019 - 2020 Best Doctors in America
 2020 Top Doctors, Castle Connolly

MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:

1986 - 2012 National Athletic Trainers' Association (Member)
 1986 - 2012 Great Lakes Athletic Trainers' Association (Member)
 1994 - 2000 State Medical Society of Wisconsin (Member)
 06/09/1999 - 10/07/2004 American Academy of Orthopaedic Surgeons (Candidate Member)
 1999 - Present Wisconsin Orthopedic Society (Member)
 1999 - Present Mid-America Orthopedic Society (Member)
 1999 - Present American Orthopaedic Society for Sports Medicine (Member)
 1999 - Present Milwaukee Orthopaedic Society (Member)
 2002 - 2005 American College of Sports Medicine (Member)
 10/07/2004 - Present American Academy of Orthopaedic Surgeons (Member)
 2007 - Present American Orthopaedic Association Council of Residency Directors (CORD) (Member)
 2013 - Present Arthroscopy Association of North America (Member)
 09/01/2016 - Present NBA Physicians Association (Member)

EDITORSHIPS/EDITORIAL BOARDS/JOURNAL REVIEWS:

Journal Review

05/15/2014 - 06/15/2014 Journal of Graduate Medical Education
 03/01/2016 - 04/01/2016 Journal of Surgical Education
 09/15/2016 - 10/15/2016 Journal of Surgical Education
 02/01/2017 - 03/01/2017 Journal of Surgical Education
 03/01/2018 - 04/01/2018 Journal of Surgical Education
 04/01/2018 - 05/01/2018 Journal of Surgical Education
 05/01/2018 - 06/01/2018 Journal of Surgical Education
 11/01/2018 - 12/01/2018 Journal of Surgical Education
 01/2019 - 02/2019 Journal of Surgical Education
 09/01/2019 - 09/30/2019 Journal of Graduate Medical Education
 09/11/2019 - 09/30/2019 Journal of Surgical Education

LOCAL/REGIONAL APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

2001 - Present Secretary, Milwaukee Orthopaedic Society
 2001 - Present Treasurer, Milwaukee Orthopaedic Society
 2001 Director Medical Education, Wisconsin Orthopaedic Society
 10/2014 - Present Member at Large, Wisconsin Orthopaedic Society
 01/2017 - Present Member, Medical Commission, US Speed Skating

RESEARCH GRANTS/AWARDS/CONTRACTS/PROJECTS:

Active**Peer Review**

Title: Rehabilitation Engineering Research
Center on Individual Mobility and
Manipulation
Source: US Department of Education, NIDRR
Role: Investigator
PI: Gerard F. Harris
Dates: 10/10/2013 - 09/30/2018
Direct Funds: \$4,625,000

Title: Music as a device to alter candence and
lowere extremity energy absorption
during distance running
Source: Intramural Grant Award
Role: Principal Investigator
PI: Carole S. Vetter, MD
Dates: 06/18/2015 - 06/17/2016
Direct Funds: \$2,560

Title: Electromyographic Assessment of the
Shoulder Musculature during Passive
Rehabilitation Exercises and Activities
of Daily Living
Source: Intramural Grant
Role: Principal Investigator
PI: Carole S. Vetter
Dates: 12/11/2015 - Present

Prior**Peer Review**

Title: Glucose Response to Abrupt Initiation
and Discontinuation of Total Parenteral
Nutrition
Source: Institutional Grant, Medical College of
Wisconsin
Role: Co-Investigator
PI: Elizabeth Kryzywda, RN
Dates: 1989
Direct Funds: \$5,000

Title: Cyclic Loading of the Rotator Cuff: A
Comparison of Two Repair Techniques
Source: National Orthopaedic Surgery Fellows
Foundation
Role: Principal Investigator
PI: Carole C. Street
Dates: 08/1998 - 07/1999
Direct Funds: \$5,000

Title: Decontamination of Dropped Bone-Soft
Tissue Graft in the Operating Suite
Source: Medical College of Wisconsin
Role: Principal Investigator
PI: Carole C. Street
Dates: 11/2001 - 07/2002

Direct Funds: \$2,000

Title: A Proximal Strengthening Approach to Patellofemoral Pain Syndrome Rehabilitation

Source: Medical College of Wisconsin

Role: Co-Investigator

PI: Anne Hoch, MD

Dates: 10/2005 - 10/2006

Direct Funds: \$2,000

Title: Arthroscopic Lysis of Adhesions with Manipulation for Arthrofibrosis in Traumatic Knee Injuries

Source: Intramural Grant, Department of Orthopaedic Surgery

Role: Principal Investigator

PI: Carole S. Vetter

Dates: 09/28/2007 - 09/27/2008

Direct Funds: \$2,000

Title: Arthroscopic Lysis of Adhesions with Manipulation for Arthrofibrosis in Traumatic Knee Injuries

Source: Intramural Grant, Department of Orthopaedic Surgery

Role: Principal Investigator

PI: Carole S. Vetter

Dates: 06/27/2008 - 06/26/2008

Direct Funds: \$500

Title: Vibration Training Effects of the Biomechanics Related to Anterior Cruciate Ligament Injuries

Source: Intramural Grant, Department of Orthopaedic Surgery

Role: Principal Investigator

PI: Carole S. Vetter

Dates: 05/28/2013 - 05/27/2014

Direct Funds: \$2,000

Non-Peer Review

Title: Multicenter, double-blind, placebo-controlled, random, parallel group comparison study to compare efficacy & tolerability of valdecoxib vs. tramadol in treatment of acute ankle sprains

Role: Co-Investigator

PI: Craig Young, MD

Dates: 2002 - 2003

Direct Funds: \$5,100

INVITED LECTURES/WORKSHOPS/PRESENTATIONS:

Local

Carole S. Vetter MD, Knee Cadaver Workshop: Arthroscopy and Anatomy, Froedtert and Medical College Sports Medicine Physical Therapy and Athletic Training Continuing Education, Milwaukee,

Wisconsin, 04/12/2008
 Carole S. Vetter MD, Acromioclavicular Joint Injuries, MCW/ Marquette Medical Alumni Association Symposium for Senior Physicians, Milwaukee, Wisconsin, 05/21/2013
 Carole S. Vetter MD, Meniscal Preservation, MCW/ Marquette Medical Alumni Association Symposium for Senior Physicians, Milwaukee, Wisconsin, 10/31/2017

Regional

Carole C. Street MD, Keynote Speaker, University of Wisconsin-Madison Sports Medicine Student Athletic Trainers Awards Banquet, Madison, Wisconsin, 04/30/2000
 Carole C. Street MD, AC Joint Injuries, MCW Sports Medicine Symposium, Milwaukee, Wisconsin, 03/22/2001
 Carole C. Street MD, Preemptive Pain Management, Wisconsin Orthopedic Nurses Meeting, Milwaukee, Wisconsin, 06/2001
 Carole S. Vetter MD, Surgical Indications in Stress Fractures, Current Issues in Hip, Knee, and Shoulder Arthroplasty, Pewaukee, Wisconsin, 11/09/2001 - 11/10/2001
 Carole S. Vetter MD, Metabolic Bone Disease., Current Issues in Hip, Knee and Shoulder Arthroplasty, Pewaukee, Wisconsin, 11/09/2001 - 11/10/2001
 Carole S. Vetter MD, ACL Injuries in the Female Athlete, MCW Sports Medicine Symposium, Milwaukee, Wisconsin, 03/18/2004
 Carole S. Vetter MD, Jones and Pseudo Jones Fractures, MCW Sports Medicine Symposium, Milwaukee, Wisconsin, 03/19/2004
 Carole S. Vetter MD, Knee Dislocations, MCW Sports Medicine Symposium, Milwaukee, Wisconsin, 03/18/2005
 Carole S. Vetter MD, ACL Injuries in the Female Athlete, Wisconsin Physical Therapy Association 2005 Spring Conference, Waukesha, Wisconsin, 04/22/2005
 Carole S. Vetter MD, PVNS and Other Causes of the Swollen Knee, MCW Sports Medicine Symposium, Milwaukee, Wisconsin, 03/23/2006
 Carole S. Vetter MD, MCL Sprain - When Do You Need to Operate?, MCW Sports Medicine Symposium, Milwaukee, Wisconsin, 03/23/2006
 Carole S. Vetter MD, Calf Injuries, MCW Sports Medicine Symposium, Milwaukee, Wisconsin, 03/23/2007
 Carole S. Vetter MD, Knee Cadaver Workshop, MCW Sports Medicine Symposium, Milwaukee, Wisconsin, 03/17/2008
 Carole S. Vetter MD, Speed Skating Injuries, MCW Sports Medicine Symposium, Milwaukee, Wisconsin, 03/18/2008
 Carole S. Vetter MD, Osteochondritis Dissecans of the Knee, MCW Sports Medicine Symposium, Milwaukee, Wisconsin, 03/20/2009
 Carole S. Vetter MD, Frozen Shoulder, MCW Sports Medicine Symposium, Milwaukee, Wisconsin, 03/18/2010
 Carole S. Vetter MD, Hamstring Avulsion Injuries, MCW Sports Medicine Symposium, Milwaukee, Wisconsin, 03/17/2011
 Carole S. Vetter MD, Persistent Knee Swelling, MCW Sports Medicine Symposium, Milwaukee, Wisconsin, 03/15/2012
 Carole S. Vetter MD, Hamstring Avulsion Injuries, Wisconsin Athletic Trainers' Association 39th Annual Meeting and Symposium, Oconomowoc, Wisconsin, 04/19/2012
 Carole S. Vetter MD, Calf Injuries, MCW Sports Medicine Symposium, Milwaukee, Wisconsin, 03/15/2013
 Carole S. Vetter MD, Meniscal Preservation, Wisconsin Orthopaedic Society, Milwaukee, Wisconsin, 10/08/2015
 Carole S. Vetter MD, Knee Preservation: The Meniscus, Medical College of Wisconsin Sports Symposium, Milwaukee, Wisconsin, 03/17/2016
 Carole S. Vetter MD, Evaluation and Examination of the Female Athletic Knee, 8th Annual Aurora BayCare Current Concepts in Sports Medicine Symposium, Green Bay, Wisconsin, 04/29/2016
 Carole S. Vetter MD, Patella-Femoral Instability, 8th Annual Aurora BayCare Current Concepts in Sports Medicine Symposium, Green Bay, Wisconsin, 04/29/2016
 Carole S. Vetter MD, Recurrent Patella Instability, Wisconsin Orthopedic Society Meeting, Green Bay, Wisconsin, 05/05/2018
 Carole S. Vetter MD, Proximal Hamstring Avulsion Injuries, MCW Sports Medicine Symposium, Milwaukee, Wisconsin, 05/17/2018

Carole S. Vetter MD, Working with Today's Athletes, Wisconsin Orthopedic Nurses Conference, Milwaukee, Wisconsin, 10/29/2018

Carole S. Vetter, MD, Patellofemoral Instability, MCW Sports Medicine Symposium, Milwaukee, Wisconsin, 03/14/2019

Carole S. Vetter MD, Being a Team Physician, Medical Management of a NBA Athlete, Professional Sports Management Symposium, Fiserv Forum, Milwaukee, WI, 04/10/2019

Carole S. Vetter MD, Women in Orthopedic Surgery, The Perry Initiative, University of Wisconsin, Madison, 04/26/2019 - 04/27/2019

Carole S. Vetter, MD, Injury Prevention, Women in Science, Medical College of Wisconsin, Milwaukee, Wisconsin, 06/17/2019

Carole Vetter, MD, Injury Prevention, Wisconsin Academy of Physician Assistants: The Great Midwestern Medical Conference, Kohler, Wisconsin, 10/23/2019

National

Carole C. Street MD, Seminar in Orthopaedic Coding, American Academy of Professional Coders, Milwaukee, Wisconsin, 04/03/2000

Carole C. Street MD, Surgical Indications in Stress Fractures, American Academy of Physical Medicine and Rehabilitation, San Francisco, California, 11/02/2000

Carole C. Street MD, Arthroscopy of the Knee and Shoulder, American Academy of Physical Medicine and Rehabilitation, San Francisco, California, 11/03/2000

Carole C. Street MD, Indications for IM Nailing the Humerus, AO ASIF Operating Room Personal Course, Milwaukee, Wisconsin, 07/21/2001

Carole S. Vetter MD, Women's Sports Injuries: Influence of Sex and Gender: Anterior Cruciate Ligament, Mid-America Orthopaedic Association, Amelia Island, Florida, 04/23/2009

Carole S. Vetter MD, Faculty, Women's Professional Development Symposium for Emerging Leaders in Orthopaedics, Chicago, Illinois, 10/13/2012

Carole S. Vetter MD, Faculty, Women's Professional Development Symposium for Emerging Leaders in Orthopaedics, Chicago, Illinois, 10/05/2013

Carole S. Vetter MD, Gender Differences for ACL Surgery, The Active Female Throughout the Lifespan: Clinical Updates in Sports Medicine and Women's Health, Chicago, Illinois, 05/08/2014

PEER REVIEWED WORKSHOPS/PRESENTATIONS:

Local

Street C, Daley R, Radius-Scaphoid-Lunate Fusion with Distal Scaphoid Excision, John S. Gould Lectureship, Milwaukee, Wisconsin, 06/19/1998

Street C, West J, Bachus K, Burks R, Cyclic Loading of Rotator Cuff Repairs: a Comparison of Two Repair Techniques, John S. Gould Lectureship, Milwaukee, Wisconsin, 06/25/1999

Hergan D, Vetter C, Arthroscopic Lysis of Adhesions with Manipulation for Arthrofibrosis in Traumatic Knee Injuries, John S. Gould Lectureship, Milwaukee, Wisconsin, 06/27/2008

Tyson J, Vetter C, Hergan D, Craighead E, Schmeling G, Arthrofibrosis of the Knee Following Lower Extremity Trauma Treated with Arthroscopic Lysis of Adhesions with Manipulation, John S. Gould Lectureship, Milwaukee, Wisconsin, 06/21/2013

Schaefer E, Fritz J, Grice S, Kirkpatrick K, Vetter C, Harris G, Hip Joint Contribution to ACL Injury Mechanisms in Active Young Adult Females During Double Leg Drop-Jump Landings, OREC Meeting, Marquette University, Department of Biomedical Engineering, Milwaukee, Wisconsin, 09/26/2014

Quade J, Vetter C, Schmeling G, Incidence of Arthroscopic Lysis of Adhesions Following Isolated Retrograde Femoral Intramedullary Nailing, John S. Gould Lectureship, Milwaukee, Wisconsin, 06/19/2015

Smith M, Schaefer E, Fritz J, Vetter C, Tarima S, Harris G, Principal Component Analysis of ACL Injury Risk Factors During Double Leg Drop Jump Landing Dynamics, John S. Gould Lectureship, Milwaukee, Wisconsin, 06/17/2016

Regional

Hergan D, Vetter C, Arthroscopic Lysis of Adhesions with Manipulation for Arthrofibrosis in Traumatic Knee Injuries, 2008 OREF/ORS Midwest Resident Research Symposium, Chicago, Illinois,

05/16/2008

- Tyson J, Vetter C, Hergan D, Craighead E, Schmeling G, Arthrofibrosis of the Knee Following Lower Extremity Trauma Treated with Arthroscopic Lysis of Adhesions with Manipulation, Wisconsin Orthopaedic Society Meeting, Lake Geneva, Wisconsin, 10/09/2009
- Tyson J, Vetter C, Hergan D, Craighead E, Schmeling G, Arthroscopic Lysis of Adhesions with Manipulation for Arthrofibrosis in Traumatic Knee Injuries, 2013 OREF/ORS Midwest Resident Research Symposium, Chicago, Illinois, 05/17/2013
- Smith M, Schaefer E, Fritz J, Vetter C, Tarima S, Harris G, Principal Component Analysis of ACL Injury Risk Factors During Double Leg Drop Jump Landing Dynamics, 2016 OREF/ORS Midwest Resident Research Symposium, Chicago, Illinois, 05/06/2016

National

- Hosseinzadeh T, Street C, Daley R, An Analysis of Range of Motion of the Wrist Following Radioscapholunate Fusion and Scaphoid Excision, 36th Annual Scientific Meeting Midwestern Association of Plastic Surgeons, Milwaukee, Wisconsin, 06/1996
- Street C, Daley R, Radius-Scaphoid-Lunate Fusion with Distal Scaphoid Excision, Mid-America Orthopaedic Association Annual Meeting, Acapulco, Mexico, 04/1998
- Street C, West J, Bachus K, Burks R, Cyclic Loading of Rotator Cuff Repairs: a Comparison of Two Repair Techniques, National Orthopaedic Surgery Fellows Foundation Meeting, Amelia Island, Florida, 11/1999
- Street C, West J, Bachus K, Burks R, Cyclic Loading of Rotator Cuff Repairs: a Comparison of Two Repair Techniques, American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting - AOSSM Specialty Day, Orlando, Florida, 03/18/2000
- Street C, West J, Bachus K, Burks R, Cyclic Loading of Rotator Cuff Repairs: a Comparison of Two Repair Techniques, Mid-America Orthopaedic Association Annual Meeting, Scottsdale, Arizona, 04/29/2000
- Young C, Niedfieldt M, Guse C, Raasch W, Hoch A, Vetter C, Rutherford D, Ribar M, Spears, Sparks R, Use and Misuse of Non-Steroidal Anti-inflammatory Drugs by Athletes, American Medical Society for Sports Medicine 50th Annual Meeting, San Diego, California, 04/05/2003 - 04/09/2003
- Crevier C, Young C, Gammons M, Vetter C, Carrerra G, Hoch A, Leg pain-running, American College of Sports Medicine 50th Annual Meeting, San Francisco, California, 05/30/2003
- Grassel J, Hoch A, Stanton M, McDowell N, Vetter C, Moraski L, Young, C, Awareness of the Female Athlete Triad in Physicians, Coaches, Athletic Trainers, and Physical Therapists, American College of Sports Medicine 50th Annual Meeting, San Francisco, California, 05/31/2003
- Hoch A, Jurva J, Staton M, Vetter C, Young C, Gutterman C, Is Endothelial Dysfunction that is Associated with Athletic Amenorrhea Reversible?, American College of Sports Medicine 50th Annual Meeting, San Diego, California, 05/2003
- Havlik H, Vetter C, Hoch A, Knee Pain in a Gymnast, American College of Sports Medicine 55th Annual Meeting, Indianapolis, Indiana, 05/28/2008
- Walters J, Schmeling G, Schwab J, Vetter C, Kinowski A, Simpson D, PBL&I Applied to Residency Programs: Cost Effective Strategies that Achieve Program Improvements, Central Group on Educational Affairs Spring Meeting, Rochester, Minnesota, 03/26/2009 - 03/28/2009
- Vetter C, Tyson J, Hergan D, Craighead E, Schmeling G, Arthrofibrosis of the Knee Following Lower Extremity Trauma Treated with Arthroscopic Lysis of Adhesions with Manipulation, Orthopaedic Trauma Association Annual Meeting, San Diego, California, 10/10/2009
- Tyson J, Vetter C, Hergan D, Craighead E, Schmeling G, Arthrofibrosis of the Knee Following Lower Extremity Trauma Treated with Arthroscopic Lysis of Adhesions with Manipulation, Mid-America Orthopaedic Association Annual Meeting, Austin, Texas, 04/24/2010
- Schaefer E, Kirkpatrick K, Fritz J, Grice S, Vetter C, Harris G, Contributions to ACL injury risk in active young adult females during double leg drop jump landings (poster), 2015 Annual Meeting of the Gait & Clinical Movement Analysis Society, Portland, Oregon, 03/17/2015 - 03/20/2015
- Schaefer E, Fritz J, Smith M, Vetter C, Tarima S, Harris G., Principal Component Analysis of ACL Injury Risk Factors During Double Leg Drop Jump Landing Dynamics (podium), 2016 Annual Meeting of the Gait & Clinical Movement Analysis Society (podium), Memphis, Tennessee, 05/17/2016 - 05/20/2016
- Meinerz CM, Fritz JM, Kipp K, Harris GF, and Vetter C., Running to the beat: does music affect running cadence and biomechanics?, 40th Annual Meeting of the American Society of Biomechanics, Raleigh, North Carolina, 08/02/2016 - 08/05/2016

- Cross JA, Mocarski M, Ketchum N, Craighead E, Krimmer M, Vetter C, Electromyographic assessment of the shoulder musculature during passive rehabilitation exercises., 42nd Annual Meeting of the American Society of Biomechanics, Rochester, Minnesota, 08/08/2018 - 08/11/2018
- Fritz JM, Ford N, Meinerz CM, Kipp K, Vetter C, and Harris GF, Knee Dynamics and Running Cadence: A Controlled Case Study, 42nd Annual Meeting of the American Society of Biomechanics, Rochester, Minnesota, 08/08/2018 - 08/11/2018

COMMITTEE SERVICE:

Medical College of Wisconsin

- 09/1999 - 07/2006 Member, Research Committee, Orthopaedic Surgery, Medical College of Wisconsin
- 09/1999 - Present Member, Residency Selection Committee, Orthopaedic Surgery, Medical College of Wisconsin
- 09/1999 - 06/2013 Member, Academic Council, Orthopaedic Surgery, Medical College of Wisconsin
- 1999 - Present Member, Planning Committee for the Annual MCW Sports Medicine Symposium, Sports Medicine, Orthopaedic Surgery, Medical College of Wisconsin
- 04/2003 Team Member, MCWAH Internal Review Committee-Sports Medicine Fellowship Review, Graduate Medical Education Committee, Medical College of Wisconsin Affiliated Hospital
- 03/2007 - 06/2021 Member, Graduate Medical Education Committee, Medical College of Wisconsin Affiliated Hospital
- 05/2007 - 06/2021 Chair, Program Evaluation Committee, Orthopaedic Surgery, Medical College of Wisconsin
- 05/2007 Team Leader, MCWAH Internal Review Committee-Anesthesia Pain Fellowship Review, Graduate Medical Education Committee, Medical College of Wisconsin Affiliated Hospital
- 08/2007 - 08/2010 Member, Faculty Council, Medical College of Wisconsin
- 07/2008 - 01/2010 Physician Champion, Customer Service Committee, Orthopaedic Surgery, Medical College of Wisconsin
- 07/2008 - 10/2008 Physician Champion, Epic Implementation Project, Orthopaedic Surgery, Medical College of Wisconsin
- 07/2009 Chair, Sentinel Event Committee, Orthopaedic Surgery, Medical College of Wisconsin
- 04/30/2010 Discussion Leader and Team Member, LCME Self-Study Committee, Graduate Medical Education Committee, Medical College of Wisconsin Affiliated Hospital
- 08/2010 - Present Alternate Member, Faculty Council, Medical College of Wisconsin
- 12/15/2010 Team Leader, MCWAH Internal Review Committee-Anesthesia Pain Fellowship Review, Graduate Medical Education Committee, Medical College of Wisconsin Affiliated Hospital
- 01/2011 - 06/2011 Member, Oversight Committee, Orthopaedic Surgery, Medical College of Wisconsin
- 06/10/2011 Member, Duty Hours Ad Hoc Committee, Graduate Medical Education Committee, Medical College of Wisconsin Affiliated Hospital
- 01/01/2012 - 06/30/2018 Member, Appeals Committee, Graduate Medical Education Committee, Medical College of Wisconsin Affiliated Hospital
- 07/01/2013 - 10/23/2013 Member, Planning Committee 2013 GME Retreat, Graduate Medical Education Committee, Medical College of Wisconsin Affiliated Hospital
- 07/2013 - Present Member, Research Committee, Orthopaedic Surgery, Medical College of Wisconsin
- 07/2013 - 06/2021 Chair, Clinical Competency Committee, Orthopaedic Surgery, Medical College of Wisconsin
- 10/19/2015 - 05/11/2016 Member, Search Committee, Chair of Anesthesia, Medical College of Wisconsin
- 04/2019 - Present Member, Global Health Advisory Committee, Orthopaedic Surgery, Medical College of Wisconsin
- 07/2021 - Present Member, Program Evaluation Committee, Orthopaedic Surgery, Medical College of Wisconsin
- 07/2021 - Present Member, Clinical Competency Committee, Orthopaedic Surgery, Medical College of Wisconsin

Hospital

- 2002 - 2008 Member, Pain Steering Committee, Froedtert Hospital
- 2003 Member, OR Facilities Committee, Froedtert Hospital
- 2003 - 2004 Director, Pain Steering Committee, Froedtert Hospital

05/2009 - 07/2011 Member, Outpatient Business Process Team, Quality Management System, Froedtert Hospital
08/2009 - 08/2010 Member, Post op Readmission Evaluation Subcommittee, Outpatient Business Process Team, Quality Management System, Froedtert Hospital
08/2010 - 09/2010 Member, Getting Referrals to the Right Providers Subcommittee, Outpatient Business Process Team, Quality Management System, Froedtert Hospital

MEDICAL COLLEGE TEACHING ACTIVITIES:

Community/Lay Public

07/2003 Healthlink Interview: Ouch: Baby Boomers' Knees Reach Middle Age,
(www.healthlink.mcw.edu)

Medical Student Education

1999 - Present Preceptor - 3rd year Sports Medicine Elective Clerkship (3-5 students per year)
1999 - Present Preceptor - 4th year Orthopaedic Surgery Sub-Internship (1-2 students per month)
1999 - Present Preceptor - Family Medicine Sports Medicine Elective Clerkship (1 student per month)
1999 - 2002 Mentor - 1st and 2nd year Medical Student -Clinical Continuum
2005 - 2008 Co-Coordinator, Lecturer and Preceptor - Clinical Examination & Reasoning Course for Medical Students (Musculoskeletal session)
2005 - Present Preceptor - Sports Medicine and Anatomy, Clinical Correlations Clerkship
2005 - Present Preceptor - Physical Medicine & Rehabilitation Sports & Spine Clerkship
07/01/2009 - Present Preceptor-Master Clinician Pathways (1-2 students per year)
02/12/2010 Preceptor-Master Clinician Core Session: Musculoskeletal
11/17/2010 - 11/20/2010 Preceptor: Medical Student Anatomy Laboratory
09/11/2013 Lecturer MCW Discovery Curriculum 2nd year Medical Students: Biology of Musculoskeletal Healing: Surgical Correlations
02/12/2014 Women's Faculty Council Panel Discussion for M1M2 Students
10/10/2016 Preceptor-Master Clinician Course: Musculoskeletal
03/13/2017 Preceptor-Master Clinician Course: Musculoskeletal
10/01/2018 Preceptor-Master Clinician Course: Musculoskeletal
02/11/2019 Preceptor-Master Clinician Course: Musculoskeletal
09/23/2019 Mentorship in Medicine #2
09/23/2019 Master Clinician Course: Knee & Shoulder

Resident and Fellow Education

09/22/1999 Orthopaedic Basic Science Lecture, Neoplasia I: Cartilage
1999 - Present Preceptor - Primary Care Sports Medicine Fellowship Program (1 day per week full time)
1999 - Present Preceptor - Primary Care Sports Medicine Elective, Primary Care Residency (1-2 residents per year)
1999 - Present Preceptor - Orthopaedic Sports Medicine, Orthopaedic Surgery Residency (PGY2 and PGY5 residents full time)
2001 - Present Preceptor, Arthroscopy Skills Course
08/14/2002 Orthopaedic Basic Science Lecture: Orthopaedic Pharmacology
2002 - 2004 Preceptor - Milwaukee Upper Extremity Fellowship
09/24/2003 Orthopaedic Basic Science Lecture: Bone Metabolism & Mineral Homeostasis
05/11/2005 Orthopaedic Basic Science Lecture: Orthopaedic Pharmacology
2005 - Present Preceptor - Women's Sports Medicine Fellowship Program
05/10/2006 Orthopaedic Basic Science Lecture: Tendon and Ligament: Anatomy, Biology and Biomechanics
03/14/2007 Orthopaedic Science Lecture: Orthopaedic Pharmacology
01/30/2008 Lecture, Residents as Teachers, Module 2
04/30/2008 Lecture, Residents as Teachers, Module 4
03/11/2009 Orthopaedic Basic Science Lecture: Form & Function of Tendon and Ligament
10/28/2009 OITE Review
01/20/2010 Orthopaedic Basic Science Lecture: Orthopaedic Pharmacology
10/27/2010 OITE Review

04/13/2011 Orthopaedic Basic Science Lecture: Anatomy, Biology and Biomechanics of Tendon
 01/21/2012 Orthopaedic Surgery Core Curriculum: AC Joint
 09/12/2012 Orthopaedic Surgery Core Curriculum: ACL
 10/10/2012 Orthopaedic Basic Science Lecture: Articular Cartilage
 10/15/2012 Orthopaedic Surgery Core Curriculum: Posterolateral Corner
 11/19/2012 Orthopaedic Surgery Core Curriculum: Patellar Instability
 03/18/2013 Orthopaedic Surgery Core Curriculum: Frozen Shoulder
 04/15/2013 Orthopaedic Surgery Core Curriculum: Scapular Dyskinesia
 05/20/2013 Orthopaedic Surgery Core Curriculum: Proximal Hamstring Injuries
 06/17/2013 Orthopaedic Surgery Core Curriculum: Elbow Epicondylitis
 09/16/2013 Orthopaedic Surgery Core Curriculum: Ankle Sprains
 11/04/2013 Orthopaedic Surgery Core Curriculum: Stress Fractures
 02/03/2014 Orthopaedic Surgery Core Curriculum: Exertional Compartment Syndrome
 03/17/2014 Orthopaedic Surgery Core Curriculum: Sports Medicine Injections
 05/19/2014 Orthopaedic Surgery Core Curriculum: Calf Injuries
 10/27/2014 Orthopaedic Surgery Core Curriculum: Posterolateral Corner Injuries
 01/12/2015 Orthopaedic Surgery Core Curriculum: AC Joint Injuries
 02/23/2015 Orthopaedic Surgery Core Curriculum: Frozen Shoulder
 04/13/2015 Orthopaedic Surgery Core Curriculum: Proximal Hamstring Avulsion Injuries
 06/01/2015 Orthopaedic Core Curriculum: ACL
 06/08/2015 Orthopaedic Core Curriculum: Elbow Epicondylitis
 11/02/2015 Orthopaedic Surgery Core Curriculum: Stress Fractures
 03/07/2016 Orthopaedic Surgery Core Curriculum: Calf Injuries
 09/19/2016 Orthopaedic Surgery Core Curriculum: ACL
 10/31/2016 Orthopaedic Surgery Core Curriculum: Posterolateral Corner Injuries
 11/06/2017 Orthopaedic Surgery Core Curriculum: Stress Fractures
 09/17/2018 Orthopaedic Surgery Core Curriculum: Patellar Instability
 10/08/2018 Orthopaedic Basic Science Lecture: Articular Cartilage
 03/04/2019 Orthopaedic Surgery Core Lecture: Frozen Shoulder
 04/01/2019 Orthopaedic Surgery Core Lecture: Hamstring Avulsions

Continuing Medical Education

01/12/0 - 01/12/2000 Strains, Sprains & Automobiles, GRAND ROUNDS Department of Orthopaedic Surgery
 10/20/1999 Orthopaedic Surgery GRAND ROUNDS: In-Training Review
 05/24/2000 Orthopaedic Surgery GRAND ROUNDS: Electrosurgery & Orthopaedics: Myths vs Truths
 07/19/2000 Orthopaedic Surgery GRAND ROUNDS: On-Field Management of Sports Injuries
 09/06/2000 Orthopaedic Surgery GRAND ROUNDS: Combined Knee Ligament Injuries
 02/14/2001 Orthopaedic Surgery GRAND ROUNDS: Rotator Cuff
 06/13/2001 Orthopaedic Surgery GRAND ROUNDS: Meniscal Allograft Transplants
 06/2001 Froedtert Hospital Clinical Management Committee-Presentation: Preemptive Pain Management in Orthopaedic Surgery
 07/11/2001 Orthopaedic Surgery GRAND ROUNDS: Introduction to Sports Medicine
 10/16/2002 Orthopaedic Surgery GRAND ROUNDS: PCL
 03/19/2003 Orthopaedic Surgery GRAND ROUNDS: Bumps and Bruises
 09/17/2003 Orthopaedic Surgery GRAND ROUNDS: Patellofemoral Pain
 09/08/2004 Orthopaedic Surgery GRAND ROUNDS: Cartilage Transplantation
 03/23/2005 Orthopaedic Surgery GRAND ROUNDS: Physical Therapy Basics
 06/01/2005 Orthopaedic Surgery GRAND ROUNDS: ACL Injuries in the Female Athlete
 05/31/2006 Orthopaedic Surgery GRAND ROUNDS: Osteochondritis Dissecans of the Knee
 03/18/2009 Orthopaedic Surgery GRAND ROUNDS: Articular Cartilage Injuries of the Knee
 09/16/2009 Orthopaedic Surgery GRAND ROUNDS: ACL Reconstruction
 09/08/2010 Orthopaedic Surgery GRAND ROUNDS: "Huh....."(Spontaneous Osteonecrosis Knee)

EXTRAMURAL TEACHING:

Community/Lay Public

11/18/1999 WITI TV 6, Healthy Living Segment Interview: "Total Knee Replacements"
 12/30/1999 WITI TV 6, Healthy Living Segment Interview: "Safe Skiing Tips"
 04/18/2000 Froedtert Hospital, Froedtert Mind, Body and Spirit Community Service Seminar: Ankle Sprains
 10/2000 Kicker's Soccer Club, Brookfield Soccer Park, Lecture: ACL Injury and Surgical Approaches.
 05/2003 City Lifestyle Magazine., On Health Interview: Fitness & Orthopedic Medicine Wear & Tear Repair
 09/27/2003 Women in Sports Symposium 2003, Lecture: Sports Injuries and Preventing Injuries
 10/29/2007 Milwaukee Journal Sentinel, Preps Plus interview. "ACL Injuries"
 04/04/2008 Mequon Soccer Club, Concordia College, Lecture: Soccer Injuries and Prevention
 03/11/2009 Wauwatosa West High School, Wauwatosa, WI, Lecture: Knee Injuries in High School Athletes
 01/2010 WTMJ Every Day Health, Interview: ACL Injuries
 03/2013 - Present AAOS Now, Stepping to the Front: Women in Orthopaedic Leadership (<http://www.aaosnow.org>)
 04/21/2015 Froedtert and the Medical College of Wisconsin, Community Education: Performance Enhancement Program
 06/01/2019 WISN: Word on Medicine Radio Show, Word on Medicine: Sports Medicine

Resident and Fellow Education

09/21/2015 Medical College of Wisconsin, Orthopaedic Surgery Core Curriculum: Ankle Sprains
 01/18/2016 Medical College of Wisconsin, Orthopaedic Surgery Core Curriculum: Exertional Compartment Syndrome
 05/01/2016 Medical College of Wisconsin, Orthopaedic Surgery Core Curriculum: Sports Injection Therapy
 12/05/2016 Medical College of Wisconsin, Orthopaedic Surgery Core Curriculum: AC Joint Injuries

Graduate Student Education

12/07/1999 Concordia College, Masters Course in Physical Therapy. "Round Table Discussion"
 1999 - Present University of Wisconsin, Milwaukee, Preceptor: Student Athletic Trainers (2-3 students per year)
 1999 - Present Marquette University, Preceptor: Physical Therapy Students (1-2 students per year)
 2000 - Present Marquette University Physician Assistant Program, Preceptor - Physician Assistant (1-2 students per year for one month)
 06/05/2006 - 07/06/2006 Samuel Merritt College Physician Assistant Program, Preceptor - Physician Assistant

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

Medical Students

Medical College of Wisconsin, 2000 AMWA Women in Medicine: Panel Discussion
 4-6 students per year, Medical College of Wisconsin, 2002 - Present Assigned M4 Career Advisor
 Medical College of Wisconsin, 2002 Surgery Interest Group: Panel Discussion
 Medical College of Wisconsin, 2003 AMWA Women in Medicine: Panel Discussion
 Jared Tyson, Medical College of Wisconsin, 2006 - 2008 Research Advisor
 Medical College of Wisconsin, 2007 AMWA Women in Surgery: Social/Mentoring get-together
 Medical College of Wisconsin, 2007 Orthopaedic Surgery and Sports Medicine interest group
 Michael Harper, Medical College of Wisconsin, 08/2012 - Present Pathway Advisor
 Kaitlyn Kirpatrick, Medical College of Wisconsin, 06/01/2014 - 08/31/2014 Summer Research Advisor
 Carolyn Meinerz, Medical College of Wisconsin, 08/2014 - Present Pathways Advisor
 Carolyn Meinerz, Medical College of Wisconsin, 06/01/2015 - 08/31/2015 Summer Research Advisor
 Mason Mocarski, Medical College of Wisconsin, 10/19/2015 - Present Research Advisor
 Mason Mocarski, Medical College of Wisconsin, 12/01/2015 - Present Pathways Advisor
 Gretchen, Medical College of Wisconsin, Pathways Advisor

Postdoctoral Students

Emily Schaefer, Medical College of Wisconsin, 06/2015 - 06/2016 Research Thesis Advisor

Clinical/Research Fellows

Primary Care Sports Medicine Fellow, Medical College of Wisconsin, 2003 Research Advisor
Women's Sports Medicine Fellow, Medical College of Wisconsin, 2007 Research Advisor

Residents

Orthopaedic Surgery Class of 2005, Medical College of Wisconsin, 2000 - 2005 Advisor
Medical College of Wisconsin, 2003 - Present Advise individual residents to enhance their academic progress
Orthopaedic Residents, Medical College of Wisconsin, 2007 - Present Research Advisor
John DeVries, MD, Medical College of Wisconsin, 08/01/2015 - Present Research Advisor

EXTRAMURAL STUDENTS, FACULTY, RESIDENTS, AND CLINICAL/RESEARCH FELLOWS MENTORED:

Undergraduate Students

1 student from UW, 1 student from UW-Stevens Point, University of Wisconsin, 12/2000 - 05/2002
Continuing Education Mentoring Program
1 student for semester experience, Wisconsin Lutheran College, 12/2006 - 05/2007 Mentoring Program

Medical Students

4-6 students per year visiting students and MCW students, Medical College of Wisconsin/Outside Institutions, 2002 - Present Informal Orthopaedic Career Guidance – Advisees

Postdoctoral Students

Salih Grice, MD, Medical College of Wisconsin/Marquette University, 07/2013 - 07/2014 Research Advisor

Faculty

Wisconsin State Licensing Board, 01/2001 - 05/2001 Advisor to Community Physician

PROGRAMMATIC DEVELOPMENTS:

Educational Programs

Student

2005 - 2008 Co-Author: Restructured M-2 Clinical Examination & Reasoning Course (Musculoskeletal session)

Resident

2006 Designed Orthopaedic Surgery Anatomy course
2012 - 2013 Restructured Orthopaedic Surgery Core Curriculum and Conference Structure
2013 - Present Co-designer PGY1 Required Bioskills Curriculum

COMMUNITY SERVICE ACTIVITIES:

1997 - 2003 Team Physician: Brookfield Central High School
1998 - 1999 Team Physician: University of Utah Football
1998 - 1999 Team Physician: University of Utah Soccer Team Physician
1998 - 1999 Team Physician: West High School Football
04/1999 Physician Coverage: NCAA Women's Gymnastic Championship; Salt Lake City, Utah
1999 - 2004 Team Physician: Milwaukee Rampage (Outdoor Professional Soccer)
1999 - Present Team Physician: Milwaukee Ballet
1999 - 2001 Team Physician: Milwaukee Mustangs (Professional Arena Football)
02/2002 Volunteer Physician: Winter Olympics 2002, Olympic Village Medical Clinic; Salt Lake City, Utah
03/29/2002 - 03/30/2002 Physician Coverage: World Short Track Team Speed Skating Championships; Pettit

National Ice Center, West Allis, Wisconsin

06/2003 - 07/2003 Physician Coverage: "Mr. 3000" shooting(Disney film); Miller Park; Milwaukee, Wisconsin

2003 - 2005 Team Physician: Milwaukee Lutheran High School

06/10/2005 Physician Coverage: WIAA State Girls Soccer Championship Tournament, Uilein Soccer Field; Milwaukee, Wisconsin

2005 - 2012 Team Physician: Wauwatosa West High School

2005 - 2006 Team Physician: Milwaukee Wave United (Outdoor Professional Soccer)

10/19/2006 - 10/22/2006 Physician Coverage: U.S. Speed Skating Long Track World Qualifiers, Pettit National Ice Center; West Allis, Wisconsin

12/19/2006 - 12/23/2006 Physician Coverage: U. S. Long Track Speed Skating Championships, Pettit National Ice Center; West Allis, Wisconsin

2006 - 2014 Milwaukee Wave (Indoor Professional Soccer)

2006 - Present Team Physician: U. S. Speed Skating

01/13/2007 Physician Coverage: U.S. Speed Skating Long Track North American/Ocean Regional Qualifiers, Pettit National Ice Center; West Allis, Wisconsin

12/08/2007 - 12/09/2007 Physicain Coverage: U.S. Speed Skating America Cup Long Track II, Pettit National Ice Center; West Allis, Wisconsin

01/26/2008 - 01/27/2008 Physician Coverage: U.S. Junior Long Track Championship, Pettit National Ice Center; West Allis, Wisconsin

02/08/2008 - 02/10/2008 Physician Coverage: U.S. Speed Skating North American Long Track Championship, Pettit National Ice Center; West Allis, Wisconsin

03/07/2008 - 03/09/2008 Physician Coverage: U.S. Speed Skating America Cup Short Track Final, Pettit National Ice Center; West Allis, Wisconsin

03/15/2008 - 03/16/2008 Team Physician: U. S. Speed Skating North American Short Track Championships, Pettit National Ice Center; West Allis, Wisconsin

03/26/2008 Physician Coverage: McDonald's All American High School Basketball Games: Live on ESPN, Bradley Center; Milwaukee, Wisconsin

09/15/2008 Physician Coverage: Houston Astros vs. Chicago Cubs(Major League Baseball)Miller Park; Milwaukee, Wisconsin

10/21/2009 - 10/25/2009 Physician Coverage: U.S. World Cup Speed Skating Olympic Qualifying Competition, Pettit National Ice Center; West Allis, Wisconsin

2009 - 2010 Team Physician: Milwaukee Iron (Professional Arena Football)

02/19/2010 - 02/21/2010 Physician Coverage: U.S. Junior Long Track Championship, Pettit National Ice Center; West Allis, Wisconsin

10/02/2010 - 10/03/2010 Physician Coverage: U.S. Speed Skating American Cup Short Track World Qualifier, Pettit National Ice Center; West Allis, Wisconsin

10/2010 Physician Coverage: U.S. Speed Skating Long Track Single Distance Championship, Pettit National Ice Center; West Allis, Wisconsin

2010 - 2011 Team Physician: Milwaukee Mustangs (Professional Arena Football)

03/25/2011 Physician Coverage: MISL (Major Indoor Soccer League) Championship Game, Mariner Arena; Baltimore, Maryland

03/18/2012 Physician Coverage: MISL (Major Indoor Soccer League) Championship Game, US Cellular Arena; Milwaukee, Wisconsin

09/04/2013 - 09/08/2013 Physician Coverage: U. S. Disabled Sailing Championships, Milwaukee Sailing Center; Milwaukee Wisconsin

10/11/2014 - 10/12/2014 Physician Coverage: U.S. Speedskating Short Track Fall World Cup Qualifier, Pettit National Ice Center; West Allis, Wisconsin

07/14/2015 Physician Coverage, Professional Soccer Game, Atlas (Mexican Liga MX) vs. New Castle (United Football Club), Miller Park, Milwaukee, WI

08/13/2015 Physician coverage, 2015 PGA Championship, Whistling Straits Golf Club, Kohler, Wisconsin

10/03/2015 - 10/04/2015 Physician Coverage, U.S. Speed Skating, Short Track World Cup Qualifier, Pettit National Ice Center; West Allis, Wisconsin

10/23/2015 - 10/24/2015 Physician Coverage, Skate America-ISU Grand Prix, UW-Milwaukee Panther Arena, Milwaukee, WI

01/08/2016 - 01/10/2016 Physician Coverage, US Speed skating Long Track Championships, Pettit National Ice Center; West Allis, Wisconsin

04/01/2016 - 04/01/2018 Team Physician Milwaukee Torrent, Professional Outdoor Soccer Team
 10/01/2016 - Present Team Physician Milwaukee Bucks, NBA Professional Basketball
 10/14/2016 - 10/16/2016 Physician Coverage, US Speed skating Fall Long Track World Cup Qualifier, Pettit National Ice Center; West Allis, Wisconsin
 10/31/2018 - 11/04/2018 Team Physician coverage: U.S. Speed Skating America Cup Long Track, Petit National Ice Center, West Allis, WI
 10/23/2019 - 10/27/2019 US Speed skating Fall Long Track World Cup Qualifier, Pettit National Ice Center; West Allis, Wisconsin

MILWAUKEE COMMUNITY SAILING CENTER:

01/01/2014 - 12/31/2016 Board of Directors
 02/2014 - Present Adult Programming Committee
 02/2014 - Present Accessible Sailing Program Committee

U. S. DISABLED SAILING CLASSIFIER TRAINING:

09/04/2013 - 09/08/2013 Specialty Training to Classify Paralympic Athletes for Sailing

BIBLIOGRAPHY

Refereed Journal Publications/Original Papers

1. Kryzywd, E., Andris, D., Whipple, J., Street, C., Ausman, R., Schulte, W., Quebbeman, E.: Glucose Response to Abrupt Initiation and Discontinuation of Total Parenteral Nutrition. *Journal of Parenteral and Enteral Nutrition*. 17(1):64-67, 1993.
2. Street, C., Shereff, M.: Traumatic Osteochondral Defect of the First Metatarsal Head: A Case Report. *The American Journal of Orthopedics* 28(10):584-586, 1999.
3. Street, C., Burks, R: Chronic Complete Hamstring Rupture Causing Foot Drop. *The American Journal of Sports Medicine*, 28(4):574-576, 2000.
4. Hernesman, S., Hoch, A., Vetter, C., Young, C.: Foot Drop in a Marathon Runner from Chronic Complete Hamstring Tear. *Clinical Journal of Sports Medicine*. 13(6):365-368, 2003
5. Vetter CS, Hoch AZ. Hamstring Strain Essentials of Physical Medicine and Rehabilitation. 1 January 2008:331-335.
6. Fritz Jessica, Schaefer Emily, Kipp Kristof, Harris Gerald, Cross, Janelle, Vetter, Carole. A Principal Component Analysis Investigation of Drop Landings for Defining Anterior Cruciate Ligament (ACL) Injury Risk Factors. *Biomedical sciences instrumentation*. January 2020;56. 284-291.
7. Middleton AM, Ziegele MJ, Vetter CS, Edelstein AI. Arthroscopic Lysis of Adhesions With Manipulation for Management of Late-Presenting Stiffness After Total Knee Arthroplasty. *Arthroplast Today*. 2020 Dec;6(4):761-765. PMID: PMC7475174
8. Kerschner A, King D, Vetter C. Clinical outcomes of diffuse PVNS of the knee following arthroscopic complete synovectomy±posterior open resection *Journal of Orthopaedics*. 1 November 2021;28:34-40.
9. Middleton AH, Perlewitz MA, Edelstein AI, Vetter CS. Knee Arthrofibrosis following Tibial Plateau Fracture Treated with Arthroscopic Lysis of Adhesions with Manipulation. *J Knee Surg*. 2022 Jun;35(7):816-820.
10. Meinerz C, Fritz J, Cross JA, Dziuk C, Kipp K, Vetter C. Running to the beat: Does listening to music affect running cadence and lower extremity biomechanics? *Gait Posture*. 2023 Jun;103:62-66.

Books, Chapters, and Reviews

1. Lyon, R., Street, C.: Pediatric Sports Injuries: When to Refer or X-Ray. *The Pediatric Clinics of North America*. 45(1):221-244, 1998.
2. Zeni, A., Street, C., Dempsey, R., Staton, M.: Stress Injury to the Bone Among Women Athletes. *Physical Medicine and Rehabilitation Clinics*, 11(4):929-947, 2000.
3. Vetter C, Benjamin H: Chapter 17: Overuse Injuries. *Musculoskeletal Medicine*, First Edition. American Academy of Orthopaedic Surgeons. 2003.
4. Vetter, C., Hoch, A. Hamstring Strain. In: *Essentials of Physical Medicine and Rehabilitation*. J.K. Silver and W.R. Frontera (Eds.) Philadelphia, PA: Hanley & Belfus, Inc., 2003, pp. 323-327.
5. Boynton, M., Parisien, J., Guhl, J., Vetter, C. Chapter 5: Set-up, Distraction and Instrumentation. *Foot and*

- Ankle Arthroscopy, Third Edition. Springer-Verlag, New York, Inc, 2004.
6. Hoch, A., Vetter, C., Gutterman DR. The Female Athlete Triad and Cardiovascular Disease. Women's Musculoskeletal Health. Hanley & Belfus, Inc. Philadelphia, PA, 2005
 7. Vetter CS, Hoch AZ. Hamstring Strain Essentials of Physical Medicine and Rehabilitation: Musculoskeletal Disorders, Pain, and Rehabilitation, Second Edition. 1 January 2008:331-335.
 8. Vetter, C., Porter, E., Newman, S. Ice Skating. In: Netter's Sports Medicine: The Team Physician's Handbook. C. Madden and M. Putukian (Eds.) Philadelphia, PA: Elsevier, 2009.
 9. Braesel, K., Webb, T., Vetter, C. Laboratory Teaching. In: A Handbook for Medical Teachers (Fifth Edition). WB Jeffries and K Dey Huggett (Eds.). Springer Science + Business Media B. V., 2010.
 10. Webb T, Braesel K, Vetter C. Teaching with Practicals and Labs. In: Jeffries WB, Dey Huggett K, editors. An Introduction to Medical Teaching, 2nd Edition. Springer Science + Business Media B V; 2014. p. 91-100.
 11. Vetter C, Porter E. Ice Skating. In: C Madden, M Putukian, E McCarty, C Young, editors. Netter's Sports Medicine, 2nd Edition. Philadelphia, PA: Elsevier; 2018. p. 621-625

Abstracts

1. Hosseinzadeh, T., Street, C., Daley, R.: An Analysis of Range of Motion of the Wrist Following Radioscapholunate Fusion and Scaphoid Excision. Midwestern Association of Plastic Surgeons 36th Annual Meeting-Milwaukee, Wisconsin, June 1996.
2. Street, C., West, J., Bachus, K., Burks, R.: Cyclic Loading of Rotator Cuff Repairs: a Comparison of Two Repair Techniques. AOSSM Specialty Day-American Academy of Orthopaedic Surgeons-Orlando, Florida, March, 2000.
3. Hernesman, S. Hoch A., Street C., Niedelfeldt M., Young C.: Foot Drop in a Marathoner. Med Sci Sports Exec. 33(5S): S150, 2001.
4. Hoch, A., Jurva, J., Staton, M., Vetter, C., Young, C., Gutterman, D. Is Endothelial Dysfunction that is Associated with Athletic Amenorrhea Reversible? Medicine & Science in Sports and Exercise 35(5):S12, 2003.
5. Crevier C., Young C., Gammons M., Vetter C., Carrerra G., Hoch, A.: Leg pain-running. Med Sci Sports Exec. 35(5S): S259, 2003.
6. Grassel, J., Hoch, A., Staton, M., McDowell, N., Vetter, C., Moraski, L., Young, C.. Awareness of the Female Athlete Triad in Physicians, Coaches, Athletic Trainers and Physical Therapists. Medicine & Science in Sports and Exercise 35(5):S326, 2003.
7. Earl JE, Vetter CS. Patellofemoral pain. Phys Med Rehabil Clin N Am. 2007 Aug;18(3):439-58, viii.
8. Vetter C, Tyson J, Hergan D, Schmeling G. Arthrofibrosis of the Knee following Lower Extremity Trauma Treated with Arthroscopic Lysis of Adhesions and Manipulation. Orthopaedic Trauma Association Annual Meeting; 1 pg. 2009 Oct 10; San Diego, California.
9. Kirkpatrick K, Schaefer E, Fritz J, Harris G, Grice S, Vetter C. Hip Joint Contribution to ACL Injury Mechanisms in Active Young Adult Females During Double Leg Drop-Jump Landings. Medical College of Wisconsin Student Research Symposium. October 2, 2014.
10. Schaefer E, Kirkpatrick K, Fritz J, Grice S, Vetter C, and Harris GF: Contributions to ACL Injury Risk in Active Young Females during Double Leg Drop Jump Landings. Proc of GCMAS (Gait and Clinical Movement Analysis Society), p. 217-218, Portland, OR, March 2015.
11. Schaefer E, Fritz J, Smith M, Vetter C, Tarima S, and Harris G. Principal Components Analysis of ACL Injury Risk Factors During Double Leg Drop Landing Dynamics. Annual Meeting Gait and Clinical Movement Analysis Society. p. 167-168, University of Tennessee Health Science Center, Memphis, TN, May 17-20, 2016.
12. Meinerz C, Fritz J, Kipp K, Harris G and Vetter C. Running to the beat. Does listening to music affect running cadence and biomechanics? Proc of American Society of Biomechanics (ASB), p. 613-614, Raleigh, NC, August 2-5, 2016.
13. Fritz J, Ford N, Meinerz C, Kipp K, Vetter C, Harris G: Knee Dynamics and Running Cadence: A Controlled Case Study. American Society of Biomechanics (ASB), p. 1274 – 1275. Rochester, MN. August 2018.
14. Cross JA, Mocarski M, Ketchum N, Craighead E, Krimmer M, Vetter C. Electromyographic assessment of the shoulder musculature during passive rehabilitation exercises. Proceeding of American Society of Biomechanics, p. 274-275, Rochester, MN, 2018.