# <u>CURRICULUM VITAE</u> Christopher Warren Liebig, M.D.

# **OFFICE INFORMATION**

Akron Children's Mahoning Valley 6505 Market Street Building A Boardman, OH 44512

### **EDUCATION**

- Akron Children's Hospital, Akron, OH (2012-2014)
  - o Pediatric Primary Care Sports Medicine Fellowship
- Children's Hospital of Richmond at VCU, Richmond, VA (2009-2012)
  - o Graduated from Pediatric Residency
- West Virginia University School of Medicine, Morgantown, WV (2005-2009)
  - o Graduated with Doctor of Medicine Degree
- West Virginia University, Morgantown, WV (2003-2005)
  - o Graduated with Bachelor of Arts Degree in Biology
  - o Summa Cum Laude
- Potomac State College of West Virginia University, Keyser, WV (2001-2003)
  - o Graduated with Associate of Arts Degree in Biology

#### LICENSURE and CERTIFICATION

- Certificate of Added Qualification Sports Medicine, certified, #234 (August 2014)
- American Board of Pediatrics, certified, #107444 (October 2013)
- **DEA Registration**, #FL4467393
- Ohio State Medical License, #35.099771 (July 2012-present)
- **USMLE Step 3**, passed (February 2012)
- USMLE Step 2 Clinical Knowledge, passed (October 2008)
- USMLE Step 2 Clinical Skills, passed (August 2008)
- **USMLE Step 1,** passed (June 2007)
- **Basic Life Support**, (2019-2021)

## **CLINICAL EXPERIENCE**

- **Director of Sports Medicine,** Akron Children's Hospital; Boardman, OH (2014-present)
  - o Akron Children's Mahoning Valley
- Clinical Associate Professor, NEOMED University; Rootstown, OH (2014-present)
  - o Department of Pediatrics, College of Medicine
- Clinical Instructor, Akron Children's Hospital; Akron, OH (2012-2014)
  - Center for Orthopedics and Sports Medicine
- **Adjunct Physician,** University of Akron SHC; Akron, OH (2012-2014)
  - o Acute and Orthopedic Sports Medicine
- Adjunct Physician, Walsh University SHC; North Canton, OH (2012-2014)
  - o Acute and Orthopedic Sports Medicine

#### **MEDICAL COVERAGE**

- University Team Physician, University of Akron; Akron, OH (2012-present)
  - Football
     Swimming
  - Men's and Women's Soccer
     Baseball
  - Women's BasketballSoftball
  - GolfCheerleading
- University Team Physician, Walsh University; North Canton, OH (2012-2014)
  - o Football
  - Men's and Women's Basketball
- High School Team Physician
  - o Canfield High School; Canfield, OH (2014-present)
  - o Field High School; Mogadore, OH (2012-2014)
- Mass Participation Physician
  - OHSAA Cross-Country Regionals; Boardman, OH (October 2017, 2018)
  - o Boardman Spartan Cross-Country Invitational; Boardman, OH (Sept 2017, 2018)
  - o ASICS University and Fila Cadet Nationals; Akron, OH (May 2013, May 2014)
  - o Bill Dies Memorial Wrestling Tournament; Akron, OH (February 2014)
  - OHSAA Swimming and Diving Championships; Canton, OH (February 2013)
  - o Kids Fun Run-Akron Marathon; Akron, OH (September 2012)
  - o 44<sup>th</sup> Annual Tommy Evans Invitational; Akron, OH (September 2012)

## **PUBLICATIONS**

- **Liebig C,** Congeni J. Sports-Related Traumatic Brain Injury (Concussion). In: Kliegman RM, et al, eds. *Nelson Textbook of Pediatrics*. 21st ed. Philadelphia, PA: Saunders; 2019
- **Liebig C**, Greco D. Sports Shorts-Guidelines for Parents: Winter Sports Injuries. *Ohio Pediatrics*. Fall 2013/Winter 2014: 14. www.ohioaap.org
- Greco D, **Liebig** C. Sports Shorts-Guidelines for Physicians: Winter Sports Injuries. *Ohio Pediatrics*. Fall 2013/Winter 2014: 13. <a href="https://www.ohioaap.org">www.ohioaap.org</a>
- **Liebig C,** Congeni J. Sports-Related Traumatic Brain Injury (Concussion). In: Kliegman RM, et al, eds. *Nelson Textbook of Pediatrics*. 20<sup>th</sup> ed. Philadelphia, PA: Saunders; 2015
- **Liebig C,** Congeni J, Galpert A. Sports Shorts-Guidelines for Physicians: Concussions. *Ohio Pediatrics*. Winter 2012: 13. <a href="https://www.ohioaap.org">www.ohioaap.org</a>
- **Liebig C,** Congeni J, Galpert A. Sports Shorts-Guidelines for Parents and Athletes: Concussions. *Ohio Pediatrics*. Winter 2013: 14. <a href="https://www.ohioaap.org">www.ohioaap.org</a>
- **Liebig C.** AAP Case Study: "Left Groin Pain." *AAP Council on Sports Medicine and Fitness.* (February 2013) www.aap.org

## PROFESSIONAL DEVELOPMENT

- Sports Medicine Update: Building Young Athletes Safe and Healthy XIIII, Firestone Country Club; Akron, OH (March 2020)
- Pediatric Research in Sports Medicine (PRISM), Glendale, AZ (January 2020)
- Sports Medicine Update: Building Young Athletes Safe and Healthy XIII, Firestone Country Club; Akron, OH (March 2019)
- Pediatric Research in Sports Medicine (PRISM), Atlanta, GA (January 2019)
- Sports Medicine Update: Building Young Athletes Safe and Healthy XII, Akron Children's Hospital; Akron, OH (March 2018) \*Served as Keynote Speaker

- Sports Medicine Update: Building Young Athletes Safe and Healthy XI, Akron Children's Hospital; Akron, OH (March 2017)
- **Pediatric Sports Medicine and Orthopedics Conference,** Nationwide Children's Hospital; Columbus, OH (November 2016)
- Sports Medicine Update: Building Young Athletes Safe and Healthy X, Akron Children's Hospital; Akron, OH (March 2016)
- Sports Medicine Update: Building Young Athletes Safe and Healthy IX, Akron Children's Hospital; Akron, OH (March 2015)
- AMSSM 23<sup>rd</sup> Annual Meeting, Hyatt Regency Hotel, New Orleans, LA(April 2014)
- OSU Sports Medicine Symposium: Concussion in Athletes, Longaberger Alumni House; Columbus, OH (March 2014)
- The University of Akron Department of Sports Medicine Concussion Management Policy, The University of Akron; Akron, OH (September 2013)
  - Partnered with Sports Medicine Director, Bill Droddy, ATC in development of new policy for all university student-athletes
- Inaugural Neuroscience Symposium, Kent State University; Kent, OH (April 2013)
  - o "Making Sport Safer Through Innovative Science" with Dr. Kevin Guskiewicz
- Lean Six Sigma, A3 Training, Akron Children's Hospital; Akron, OH (March 2013)
  - o "Wasted Steps, Wasted Time" presented following an eight week A3 program
- Sports Medicine Update: Building Young Athletes Safe and Healthy VII, Akron Children's Hospital; Akron, OH (March 2013)
- The ISCD 5<sup>th</sup> Annual Osteoporosis Academy, Tampa Marriott Waterside Hotel; Tampa, FL (March 2013)
- Understanding Outcomes and Interventions in Pediatric Traumatic Brain Injury, Akron Children's Hospital; Akron, OH (January 2013)
  - o Presentation by Dr. Stacy Suskauer, John Hopkins School of Medicine
- AMSSM Advanced Team Physician Course, New Orleans, LA (December 2012)
- **Pediatric Sports Medicine and Orthopedics Conference**, Nationwide Children's Hospital; Columbus, OH (November 2012)
- **ImPACT Training Workshop,** Cleveland Clinic Sports Health Center; Cleveland, OH (November 2012)
  - o Presentation by and open discussions with Dr. Mark R. Lovell, ImPACT founder
- AMSSM Fellows Research Conference, Philadelphia, PA (July 2012)
  - o S.T.E.M. (Sports Trauma and Event Medicine)
- 17th Annual VCU Sports Medicine Update in Primary Care, Williamsburg Hospitality House; Williamsburg, VA (December 2011)
  - o S.M.A.R.T. (Sideline Management Assessment Response Techniques) workshop

### LECTURES/PRESENTATIONS

- "The Arms Race: Identifying and Treating Upper Extremity Pain in Athletes," Keynote Speaker at Sports Medicine Update XII; Akron, OH (March 2018)
- "Recognition, Evaluation, and Management of Concussions--Update," Grand Rounds at Akron Children's Hospital of MV; Boardman, OH (June 2017)
- "Non-Surgical Knee Pain: What You Knee'd To Know," Mercy Health Family Medicine Residency (April 2017)

- "Non-Surgical Knee Pain: What You Knee'd To Know," Building Young Athletes Safe and Healthy XI (March 2017)
- "Sports Medicine Concussions," Ohio Osteopathic Residents/Students, St. Joseph's Hospital; Warren, OH (April 2015)
- "Sports Medicine Approach to Youth Sports Injuries," Grand Rounds at Akron Children's Hospital of Mahoning Valley; Boardman, OH (March 2015)
- "Sports Medicine Approach to Youth Sports Injuries," Sports Medicine Update, Hampton Inn and Suites; Canfield, OH (October 2014)
- "Recognition, Evaluation, and Management of Concussions," Outreach-Pediatric Annual Update, Salem Region Medical Center; Salem, OH (September 2014)
- "Prevalence and Attitudes Towards the Use of Nonsteroidal Anti-inflammatory Drugs in High School Baseball Players," Grand Rounds at Akron Children's Hospital; Akron, OH (June 2014)
- "Hot Topics in Sports Medicine," Akron Children's Hospital; Boardman, OH(May 2014)
- "Examination of the Musculoskeletal System," Northeast Ohio Medical University; Cuyahoga Falls, OH (April 2014, March 2013)
- "Sea Shell Shin Pain by the Sea Shore," Midwest Chapter of the ACSM, Radisson Hotel at Star Plaza; Merrillville, IN (November 2013)
- "Recognition, Evaluation, and Management of Concussions," Stark/Summit Athletic Trainers' Society, Walsh University; North Canton, OH (October 2013)
- "Current 'Hot' Topics in Sports Medicine," Tallmadge Youth Football Coaches, Tallmadge, OH (August 2013)
- "Skin Disorders in Athletes," University of Akron; Akron, OH (April 2013)

### • Poster Presentations

- "Prevalence and Attitudes Towards the Use of Nonsteroidal Anti-inflammatory Drugs in High School Baseball Players," Akron Children's Hospital; Akron, OH (May 2014)
- o AMSSM 23<sup>rd</sup> Annual National Meeting
  - "Sea Shell Shin Pain by the Sea Shore," Hyatt Regency Hotel; New Orleans, LA (April 2014)
- **Splinting Workshop,** Akron Children's Hosptial; Akron, OH (2012-2014)
  - o Monthly lecture with hands-on experience provided to residents

# • Journal Clubs/Presentations

o "Popular Ergogenic Drugs and Supplements in Young Athletes," Crystal Clinic Orthopedics at Summa Health Systems; Bath, OH (September 2013)

### **RESEARCH INTERESTS**

- Liebig CW, Krishna J. Sleep Characteristics of children with mTBI treated in the Sports Medicine Department at Akron Children's Hospital
- **Liebig CW**, Congeni JA. Prevalence and Attitudes Towards the Use of Non-steroidal Anti-inflammatory Drugs in High School Baseball Players. (Submitted 11/2014).
- Bouton D, **Liebig C**, Morscher M, et al. College Athletes' Perception of Anterior Cruciate Ligament Injuries and Subsequent Reconstruction.
- An Assessment of Clinical Efficacy of Hypothermic Therapy Following Mild Traumatic Brain Injury (mTBI) in the Adolescent Athlete as Compared to an Untreated Active Control Population, Co-Investigator (open study, accepting patients)

### **MEMBERSHIPS**

- American Medical Society for Sports Medicine (2011 to present)
- American Academy of Pediatrics (2009 to present)

### **HONORS and AWARDS**

- Postgraduate Day Research Award, Akron Children's Hospital; Akron, OH (June 2014)
  - o Selected as First Place by The Postgraduate Day Committee.
- Institutional ACGME committee (April 2013)
  - o Selected by colleagues as fellow representative.
- **Resident of the Month** (January 2012)
- School of Medicine Curriculum Advisor, West Virginia University School of Medicine; Morgantown, WV (2009)
  - o Selected by faculty to offer feedback for proposed changes to curriculum.
- Edward G. Stuart Award (2009)
  - o In recognition of a fourth year medical student who best exemplifies the qualities of empathy and understanding and strengthens competency with compassion.
- John W. Traubert Award (2008)
  - o Given to one student every year in recognition of exemplary performance during the Family Medicine Clerkship.

#### **MEDIA EXPERIENCE**

- WFMJ-TV; Youngstown, OH
  - Akron Children's researching cooling technology to help teen concussions (3/2019)
  - Female athletes appear to suffer from higher rates of concussion (9/2017)
  - Reported concussion skyrocket over five-year period (10/2016)
  - "Concussion" movie discussion (12/2015)
  - Importance of athletic trainers to local athletes (2/2015)
  - Overhead throwing injuries (11/2014)
  - Current pressing topics in Sports Medicine including concussion recognition, heat illness, and overuse sports injuries (8/2014)
- WKBN-TV; Youngstown, OH
  - Females and concussions, a case example (5/2015)
  - Concussion and long-term prognosis (12/2014)
  - Current pressing topics in Sports Medicine including concussion recognition, heat illness, and overuse sports injuries (8/2014)
- Inside Children's Blog; Akron, OH
  - Energy drinks carry risks for children and teens (9/2017)
  - Supplements aren't helping your kids and may be hurting them (8/2017)
  - Beware of sports specialization for young athletes (4/2017)
  - When it comes to young athletes and concussion, "when in doubt sit them out" (12/2014)

## **HOBBIES and INTERESTS**

- Happily married to my supportive wife, an elementary school teacher and reading specialist.
- Father of three red-head girls and one brunette boy.
- Played collegiate baseball at Potomac State College (2001-2003).

### **REFERENCES**

Julie M. Kerr, MD, C.A.Q. Primary Care Sports Medicine Fellowship Director 215 West Bowery Street, Suite 7300 Akron, OH 44308

Joseph Congeni, MD, C.A.Q. Sports Medicine Director Center for Orthopedics and Sports Medicine 215 West Bowery Street, Suite 7300 Akron, OH 44308

Billy D. Shaw, M.D.
Medical Director, Pediatric Group Practice
Assistant Professor, Division of General Pediatrics
Children's Hospital of Richmond
1001 East Marshall Street
P.O. Box 980506
Richmond, VA 23298

Douglas N. Cutter, MD, C.A.Q. Founding Medical Director, CJW Primary Care Sports Medicine Chippenham Campus 500 Hioaks Road, Suite A Richmond, VA 23225