

## CURRICULUM VITAE

### CHAD MICHAEL FORTUN, MD, MS

Orthopaedic Surgeon

#### EMPLOYMENT

September 2015 – Present

Carolina Sports Medicine and Orthopaedic Specialists  
Orthopaedic Surgeon  
Fellowship trained in Sports Medicine, Arthroscopy and  
Reconstructive Surgery

#### EDUCATION

August 2014 – August 2015

Southern California Orthopedic Institute  
Van Nuys, California  
Fellowship Program in Sports Medicine, Arthroscopy and  
Reconstructive Surgery

2010 – July 2014

Case Western Reserve University School of Medicine  
Cleveland, Ohio  
Resident in Orthopaedic Surgery

2009-2010

Case Western Reserve University School of Medicine  
Cleveland, Ohio  
Surgical Internship

2005 - 2009

Case Western Reserve University School of Medicine  
Cleveland, Ohio  
M.D. (AOA)

2005 - 2009

Case Western Reserve University School of Medicine  
Cleveland, Ohio  
M.S., Applied Anatomy

2001

Cleveland State University  
Cleveland, Ohio  
Post-baccalaureate

1993 - 1997

University of Wisconsin – La Crosse  
La Crosse, Wisconsin  
B.S. (Highest honors), Physical Therapy

#### MEDICAL LICENSURES/LICENSURE EXAMS

ABOS Part 1 – Passed

Licensure to practice Medicine, North Carolina, 2015, active

Licensure to practice Medicine, California, 2014, active

Licensure to practice Medicine, Ohio, 2009, inactive

Licensure to practice physical therapy, Ohio, 1997, inactive

## **CERTIFICATIONS**

Certified Strength and Conditioning Specialist, National Strength and Conditioning Association, 2009

Genzyme, Carticel Autologous Cultured Chondrocyte Implantation Certified, 2012

## **ACADEMIC APPOINTMENTS**

Lecturer, Case Western Reserve University, Department of Theater and Dance, 2001 – 2009

Adjunct Assistant Professor, Department of Orthopaedics, University of North Carolina School of Medicine, 2016 - present

## **HOSPITAL APPOINTMENTS**

University Hospitals Health System Rehabilitation and Sports Medicine, Physical Therapist, Clinical Director, 1997-2005

Research Assistant, United States Department of Veterans Affairs, Cleveland, Ohio, 2012 - present

## **MEMBERSHIP IN PROFESSIONAL SOCIETIES**

American Physical Therapy Association, 1995 - 2005

Sports Physical Therapy Section of the American Physical Therapy Association, 1995 - 2005

Wisconsin Physical Therapy Association, 1995-1997

National Strength and Conditioning Association, 1995 - 2003

Ohio Physical Therapy Association, 1998 - 2005

Performing Arts Medicine Association, 2003-2005

International Association of Dance Medicine, 2001 - 2005

American Medical Association, 2005-2009

American Medical Student Association, 2005-2009

American Academy of Orthopaedic Surgeons, 2009-present, resident member

Arthroscopy Association of North America, 2014-present, resident member

American Orthopaedic Society for Sports Medicine, 2014-present, candidate membership

International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine, 2014-present, fellow member

North Carolina Medical Society, 2015 - present

New Hanover-Pender County Medical Society, 2015 - present

## **CASE SCHOOL OF MEDICINE AND UNIVERSITY HOSPITALS CASE MEDICAL CENTER COMMITTEES**

CWRU medical school USMLE panel, 2007

CWRU medical school tutor, 2006-2007

CWRU medical school admissions committee, student interviewer, 2006-2007

CWRU, Department of Theater and Dance, Thesis committee advisor, 2001-2009

## **HONORS AND AWARDS**

- Graduated with highest honors, Deans List, 1993-1997
- Golden Key National Honor Society Member, 1997
- Robert and Judy Strzelczyk Scholarship in Physical Therapy, 1996-1997
- Recipient of Case Western Reserve University Lepow Medical Scholarship 2005
- Recipient of Case Western Reserve University School of Medicine Dr. Robert A. Keller Memorial Scholarship Fund 2006/2007/2008
- Recipient of Case Western Reserve University School of Medicine T.S.Jackson MD Scholarship Fund 2007/2008/2009
- Recipient of Case Western Reserve University School of Medicine Fanelli Fund Grant 2008
- Alpha Omega Alpha Honor Medical Society, 2005-2009
- The Case Western Reserve University School of Medicine Harry Resnick Memorial Fund recipient, 2009
- Case Western Reserve University Research ShowCASE 2009 poster competition: Honorable mention, 2009
- The Ohio Department of Aging, Geriatric Medicine Award, 2009
- Resident Paper Contest Finalist, Ohio Orthopaedic Society, 2010
- Alan H. Wilde, M.D. Resident and Fellow Symposium Award Finalist, 2012
- ISHA Annual Scientific Meeting Award Finalist, 2012

## **TEAM SPORTS COVERAGE EXPERIENCE**

- Benedictine High School Varsity Football and Basketball, 2001-2004
- Cleveland Heights High School Varsity Football, 2012
- Alemany Bishop High School Varsity Football, 2014
- Hart High School Varsity Football, 2014

- Canyon High School Varsity Football, 2014
- Los Angeles Valley College Football, 2014

### **ADMINISTRATIVE SERVICE**

- Clinical Instructor, physical therapy/physical therapy assistant students 1997 - 2005
- Instructor Assistant, “The Clinical Challenge of Examination and Rehabilitation of the Knee and the Shoulder”, 2/27/98-3/1/98, Cincinnati, Ohio
- Co-Director/Developer of The Case Western Reserve University Dance Wellness Program, 2001 - present
- Vice president/founder CWRU Orthopaedic interest group, 2008-2009
- IADMS International Conference Host Committee, 2008

### **GRANTS AND FUNDED RESEARCH**

1. University of Wisconsin - La Crosse Undergraduate Research Grant, \$360.00, 1997
2. Medical Student Training in Aging Research Grant, \$2,500.00, 2006
3. Case Western Reserve University School of Medicine Crile Fellowship, \$2000.00, 2006

### **RESEARCH IN PROGRESS**

1. Anterior Inferior Iliac Spine morphology and Implications for Subspine Impingement: An anatomic study of 3594 cadaveric specimens. Chad M Fortun MD, Chris Schlif BS, Shane Nho MD, Michael Salata MD. Manuscript preparation
2. Gluteus Medius Surface EMG activity and its Implications on Weight Bearing Restrictions Following Gluteus Medius Repair. Chad M Fortun MD, Elizabeth Hahn BS, Shane Nho MD, Michael Salata MD. Data collection
3. The Anatomic Footprint of the Proximal Origin of the Hamstrings: A Cadaveric Study. Chad M Fortun MD, Michael Bahk MD
4. The Safe Zone for Endoscopic Portal Placement During Proximal Hamstring Repair: A Cadaveric Study. Chad M Fortun MD, Michael Bahk MD
5. Optimal Suture Anchor Placement for Proximal Hamstring Repair. Chad M Fortun MD, Michael Bahk MD

### **BIBLIOGRAPHY**

#### **Published Papers**

1. Fortun CM, Kernozek T, Davies GJ: The Effects of Plyometric Training on the Shoulder Internal Rotators. University of Wisconsin-La Crosse Journal of Undergraduate Research Volume I 63-75, 1998
2. Fortun CM, Streit J, Patel S, Salata M: Cartilage Defects in the Hip. Operative Techniques in Sports Medicine. Vol 20, issue 4, December 2012, 287-294
3. Streit J, Fortun CM, Salata M: Cam Femoroacetabular Impingement. Operative Techniques in Sports Medicine. Vol 20, issue 4, December 2012, 295-300
4. Fortun CM, Streit J, Horton S, Muh S, Gillespie R, Gobezie R. Scapular Neck Length and Implications for Reverse Total Shoulder Arthroplasty: An Anatomic Study of 442 Cadaveric Specimens. International Journal of Shoulder Surgery 2015. April-June, Volume 9, Issue 2, pp38-43
5. Fortun CM, Wong I, Burns JP. Arthroscopic Iliac Crest Bone Grafting to the Anterior Glenoid. Arthroscopy Techniques. Accepted for publication

### Published Abstracts

1. Fortun CM, Davies GJ, Giangarra C, Romeyn, R: Computerized Isokinetic Testing of Patients with Rotator Cuff Impingement Syndromes Demonstrates Specific RTC External Rotators Power Deficits [Abstract]. *Phys. Ther.* 77:S106. 1997

### Published Book Chapters

1. First Aid for the USMLE Step 2 CS, 3rd Edition. Le T, Bhushan V, Sheikh-Ali M, Shahin FA; McGraw Hill Medical, NY, 2010. Fortun CM. Contributing Author of Mini-cases and Practice Cases
2. “Acromioclavicular Joint Pain” Fortun CM, Salata M; Orthopaedics for the Primary Care Physician; Marcus RE. Accepted for publication
3. “Frozen Shoulder” Fortun CM, Salata M; Orthopaedics for the Primary Care Physician; Marcus RE. Accepted for publication
4. “Hip Arthroscopy” Fortun CM, Guanche C; Chapman’s Comprehensive Orthopaedic Surgery, 4<sup>th</sup> Edition. Accepted for publication

### Presentations to Local, National, and International Medical and Scientific Societies

1. Are Plyometrics Useful in the Rehabilitation of Upper Extremity Pathologies? Fortun CM, Davies GJ, Wisconsin Physical Therapy Association Annual Meeting, Milwaukee, WI 1997. Poster presentation
2. Computerized Isokinetic Testing of Patients with Rotator Cuff Impingement Syndromes Demonstrates Specific RTC External Rotators Power Deficits. Davies GJ, Fortun CM, Giangarra C, Romeyn R. American Physical Therapy Association Annual Meeting and Exposition of the American Physical Therapy, San Diego, CA, 1997, Podium presentation
3. The Effects of Plyometric Training on the Shoulder Internal Rotators. Fortun CM, Davies GJ, Kernozek TW. American Physical Therapy Association Annual Meeting and Exposition, Orlando, FL 1998, Podium presentation
4. Computerization of Dance Wellness Screening Data. Galbraith G, Fortun CM. International Association for Dance Medicine and Science 12<sup>th</sup> Annual Meeting, New York, NY 2002, Podium presentation
5. Development of a Website for Dance Wellness Screening Data. Galbraith G, Fortun, CM. International Association for Dance Medicine and Science 13<sup>th</sup> Annual Meeting, London, England 2003, Podium presentation
6. Computerization of Dance Wellness Screening Data. Fortun CM, Galbraith G. The 21st Annual Performing Arts Medicine Association Symposium on Medical Problems of Performing Artists, Aspen, CO 2003, Podium presentation
7. Computerization of Dance Wellness Screening Data. Fortun CM, Galbraith G. American Physical Therapy Association Combined Sections Annual Meeting, Nashville, TN 2004, Podium presentation
8. Dance Wellness: Why, How and The Future; A Model at Case Western Reserve University. Potter K, Galbraith G, Fortun CM. International Conference for Dance Medicine and Science, Taipei, Taiwan 2004, Podium presentation
9. Implementation of a Web-Based Dance Wellness Screen at Multiple Universities. Baas J, Galbraith G, Fortun CM. International Association for Dance Medicine and Science 15th Annual Meeting, Stockholm, Sweden, 2005, Podium presentation
10. Assessment of Knee Strength, Flexibility and Structural Differences in Dancers Across Four Institutions. Baas J, Galbraith G, Potter K, Fortun CM, Janiski C, Chapman B, Kadel N,

- Corrado, International Association for Dance Medicine and Science 16<sup>th</sup> Annual Meeting, West Palm Beach, Florida 2006, Podium presentation
11. Assessment of Abdominal Strength and Related Variables in Dancers From Multiple Institutions. Baas J, Galbraith G, Potter K, Fortun CM, Janiski C, Chapman, International Association for Dance Medicine and Science 17<sup>th</sup> Annual Meeting, Canberra, Australia 2007, Podium presentation
  12. Aggrecan CS-2 cleavage involves P4' residues of ADAMTS-4/5 sites. Fortun CM, Huynh T, Hering T. American Society for Matrix Biology, San Diego, California 2008, Poster presentation
  13. Aggrecan CS-2 cleavage involves P4' residues of ADAMTS-4/5 sites. Fortun CM, Huynh T, Hering T. Case Western Reserve University Research Showcase, Cleveland, Ohio 2009, Poster presentation
  14. Aggrecan CS-2 cleavage involves P4' residues of ADAMTS-4/5 sites. Fortun CM, Huynh T, Hering T. 38<sup>th</sup> Annual Midwest Connective Tissue Workshop, Chicago, Illinois 2009, Podium and poster presentation
  15. Aggrecan CS-2 cleavage involves P4' residues of ADAMTS-4/5 sites. Fortun CM, Huynh T, Hering T. 56<sup>th</sup> Annual Meeting of the Orthopaedic Research Society, New Orleans, Louisiana 2010, Poster presentation
  16. Aggrecan CS-2 cleavage involves P4' residues of ADAMTS-4/5 sites. Fortun CM, Huynh T, Hering T. Ohio Orthopaedic Society Annual Meeting, Columbus, Ohio 2010, Podium presentation
  17. Scapular Neck Length and Implications for Reverse Total Shoulder Arthroplasty: An Anatomic Study of 442 Cadaveric Specimens. Fortun CM, Streit J, Horton S, Muh S, Gillespie R, Gobezie R. 12<sup>th</sup> Annual New Technology in Upper Extremity Surgery: the Cutting Edge, Cleveland, OH 2012, Podium presentation
  18. Anterior Inferior Iliac Spine morphology and Implications for Subspine Impingement: An anatomic study of 3594 cadaveric specimens. Fortun CM, Schilf C, Nho S, Salata M. International Society for Hip Arthroscopy Annual Scientific Meeting, Boston, MA 2012, Podium presentation
  19. Gluteus Medius Surface EMG activity and its Implications on Weight Bearing Restrictions Following Gluteus Medius Repair. Fortun CM, Schilf C, Nho S, Salata M. International Society for Hip Arthroscopy Annual Scientific Meeting, Boston, MA 2012, Poster presentation
  20. Scapular Neck Length and Implications for Reverse Total Shoulder Arthroplasty: An Anatomic Study of 442 Cadaveric Specimens. Fortun CM, Streit J, Horton S, Muh S, Gillespie R, Gobezie R. 24<sup>th</sup> Congress of the European Society for Surgery of the Shoulder and the Elbow, Dubrovnik, Croatia, September 2012, Poster presentation
  21. Scapular Neck Length and Implications for Reverse Total Shoulder Arthroplasty: An Anatomic Study of 442 Cadaveric Specimens. Fortun CM, Streit J, Horton S, Muh S, Gillespie R, Gobezie R. 12<sup>th</sup> International Congress of Shoulder and Elbow Surgery, Nagoya, Japan, April 2013, Poster presentation
  22. Anterior Inferior Iliac Spine morphology and Implications for Subspine Impingement: An anatomic study of 3594 cadaveric specimens. Fortun CM, Schilf C, Nho S, Salata M. AANA, Hollywood, FL 2014, eposter presentation
  23. Scapular Neck Length and Implications for Reverse Total Shoulder Arthroplasty: An Anatomic Study of 442 Cadaveric Specimens. Fortun CM, Streit J, Horton S, Muh S, Gillespie R, Gobezie R. AAOS annual meeting, New Orleans, Louisiana, March 2014, Exhibit presentation

24. The Correlation Of Acetabular Retroversion And Subspine Impingment Morphology. Karns M, Patel S, Fortun CM, Schilf C, Gebhart J, Nho S, Salata M. International Society for Hip Arthroscopy Annual Scientific Meeting, Rio de Janeiro, Brazil, October 2014, Platform presentation
25. RTCR over 65. Fellow's Day, SCOI, June 2015, Platform presentation
26. Arthroscopic Anterior glenoid boney stabilization. Fellow's Day, SCOI, June 2015, Platform presentation