

Christopher E. Gross, M.D.

ACADEMIC APPOINTMENT

Sept 2015- **The Medical University of South Carolina** Charleston, SC
Department of Orthopaedic Surgery, Foot and Ankle Surgery
Associate Professor

PROFESSIONAL TRAINING

August 2014- **Duke University School of Medicine, Department of Orthopaedic Surgery** Durham, NC
August 2015 Fellow, Foot and Ankle Surgery
Program Director: James A. Nunley II, MD

July 2010- **Rush University Medical Center** Chicago, IL
June 2014 Resident, Orthopaedic Surgery
Program Director: Brett Levine, MD

July 2009- **Rush University Medical Center** Chicago, IL
June 2010 Resident, General Surgery

INTERNATIONAL TRAINING

September 2015 **Academisch Medisch Centrum** Amsterdam, Netherlands
Fellow, Foot and Ankle Surgery
Director: Niek van Dijk PhD, MD

October 2015 **Kantonsspital Baselland** Basel, Switzerland
Fellow, Foot and Ankle Surgery
Director: Beat Hintermann, MD; Markus Knupp, PhD, MD

EDUCATION

June 2009 **Harvard Medical School** Boston, MA
M.D. degree

- Pasteur Summer Research Fellow, 2006
- Edward Hickling Bradford Fellow for Orthopaedic Surgery, 2006

June 2005 **University of Chicago** Chicago, IL
A.B., Biological Sciences, concentrations in Immunology and Microbiology

- Student Marshall
- Dean's List, 2005-2009
- Howard Hughes Medical Institute Fellowship
- Alpha Delta Phi Literary Fraternity (Vice President Rush and Volunteer Coordinator)
- Chicago Police Scholarship: merit-based full-tuition scholarship for children of Chicago Police Officers

June 2001 **Loyola Academy** Wilmette, IL

ACADEMIC FELLOWSHIPS

October- November 2019 North American Travelling Fellow, American Orthopaedic Association

PROFESSIONAL LICENSURE

- American Board of Orthopaedic Surgery Certified: 8/2017
- State of South Carolina: License: MMD.38404, expires 6/30/2021
- Advanced Cardiac Life Support, American Heart Association, 2020
- Basic Life Support, American Heart Association, 2020
- USMLE Step 3, 2010
- USMLE Step 2, 2008
- USMLE Step 1, 2007

PROFESSIONAL SOCIETY MEMBERSHIPS

- American Orthopaedic Association, 2015-
 - Emerging Leaders Program
- American Orthopaedic Foot and Ankle Society, 2012-
 - Young Physicians Committee, 2014-
 - Research Committee, 2018-
- Arthroscopy Association of North America, 2011-
- American Academy of Orthopaedic Surgeons, 2009-
 - Fellow Member, 2018-
 - Foot and Ankle Program Committee, 2020-
 - Foot and Ankle Instructional Course Committee, 2020-
 - *Chairman*
- American Medical Association, 2005-2021
- Massachusetts Medical Society, 2005-2009
- Piedmont Orthopaedic Society, 2015-
- South Carolina Orthopaedic Association, 2015-
 - Foot and Ankle Task Force, 2016-
- Journal of Bone and Joint Science Social Media Advisory Board, 2016-

GRANTS

- South Carolina Clinical and Translational Research Institute Grant, 2020
- AOFAS Research Grant (Predicting Collagen Turnover for Achilles Tendon Repair Across Diverse Loading Environments"); \$20,000, 2018
- South Carolina Clinical and Translational Research Institute Grant, 2019
- NIH P20; "SC COBRE for Translational Research Improving Musculoskeletal Health (SC-TRIMH)" PI: Hai Yao; Total Award: \$11,088,275, 2018
- South Carolina Alpha Distinguished Research Award Grant, 2018
- South Carolina Clinical and Translational Research Institute Grant, 2018
- South Carolina Clinical and Translational Research Institute Grant, 2017

- Piedmont Orthopedic Foundation Grant, 2014
- Synthes Education Grant 2014
- Mid-America Orthopaedic Association Senior Resident Grant, 2014
- OMeGA Residency/General Education Grant, 2012
- Synthes Education Grant 2011

HONORS AND AWARDS

- North American Traveling Fellow, American Orthopaedic Association
- *Top Poster*, Adult Reconstruction Knee, “New 5-Factor Modified Frailty Index Predicts Morbidity and Mortality in Primary Total Knee Arthroplasty” for the AOA 2019 National Meeting
- *Foot and Ankle Specialist* 2018 Top Five Article
- Clinician Scholar Career Development Program Representative for the AOFAS, September 2017
- Semi-Finalist, Roger A. Mann Award: “Prospective Evaluation of Structural Allograft Transplantation for Osteochondral Lesions of the Talar Shoulder”, AOFAS 2016
- Synthes Education Grant 2014
- Howard Steel Humanitarian Award, Mid-America Orthopaedic Association, 2014
- Top Scientific Exhibit, 2013, AAOS 2013 Annual Meeting
- Best Hip Poster for “Anterior Acetabular Rim Morphology in an Asymptomatic Population”, Orthopaedic Research Society, 2013
- American Orthopaedic Foot and Ankle Society Resident Scholarship, 2012
- Foundation of Orthopaedic Trauma Resident Scholarship, 2012
- Rush Surgical Society Annual Resident Research Award, Finalist, “Effect of acetabular rim recession on anterior rim angle: an in vivo study”, 2012
- *Aircast Award* for Basic Science 2011: American Orthopaedic Society for Sports Medicine for “Effect of Acetabulum Rim Recession on Anterior Rim Angle: A Cadaveric Study”, American Orthopaedic Society for Sports Medicine

RESEARCH EXPERIENCE

Duke University Medical Medical Center, Department of Orthopaedic Surgery, 2014- 2016

- **Division of Foot and Ankle:** Investigating clinical outcomes of lateral column lengthening; diabetic outcomes in total ankle arthroplasty; use of vancomycin powder in foot and ankle surgery

Rush University Medical Center, Department of Orthopaedic Surgery, 2009- 2014

- **Division of Foot and Ankle:** Investigating clinical outcomes of talar avascular necrosis after bone stimulators, anatomic reconstruction of syndesmosis injuries, anatomic reconstruction of deltoid ligament injuries, traumatic ankle arthrotomy (George Holmes, MD; Simon Lee, MD; Johnny Lin, MD)
- **Section of Arthroplasty:** Investigating the management of the patella in revision total knee arthroplasty, synovial C-reactive protein as a marker of prosthetic joint infection, host versus microbial factors in patients that fail two-stage revision arthroplasties for prosthetic joint infections (Craig Della Valle, MD)
- **Section of Sports Medicine:** Investigating biomechanical constructs of gluteus medius repairs, radiographic parameters of acetabular morphology (Shane Nho, MD)

Harvard Medical School/Massachusetts Institute of Technology, Department of Orthopaedic Surgery

- Biomechanics and Joint Kinematics Laboratory (Thomas Gill, MD; Guoan Li, PhD)

University of Chicago, Division of Biological Sciences,

- **Department of Microbiology:** Investigated *yersinia pestis* vaccine strategies, prion protein folding (Olaf Schneewind MD, PhD; James Mastrianni MD, PhD)

INTERNATIONAL MISSION TRIPS

2018

Service Leader, Haiti, Bonne Fin, December 2018

COURSE FACULTY

2019

Medical University of South Carolina (Medical School), COM Year 1, Musculoskeletal System Block, 10,2019
Ankle and Knee Arthroscopy Cadaver Lab.” Medical University of South Carolina. Charleston, SC. 5/2019.
Approaches to the Ankle, Cadaver Lab. Medical University of South Carolina. Charleston, SC 9/2019

2018

Medical University of South Carolina (Medical School), COM Year 1, Musculoskeletal System Block, 10,2018
Foot and Ankle All-Stars Meeting, 11/2018, NYC, NY
Approaches to the Ankle, Cadaver Lab. Medical University of South Carolina. Charleston, SC 9/2018

2017

Foot and Ankle All-Stars Meeting, 11/2017, NYC, NY
South Carolina State University MBA course “Healthcare System Delivery in the U.S.”, Charleston, SC, 2/2017
Greenbriar 2017 Foot and Ankle Summit, White Sulphur Springs, WV, 6/2017
Approaches to the Ankle, Cadaver Lab. Medical University of South Carolina. Charleston, SC 9/2017

2016

Medical University of South Carolina (Medical School), COM Year 1, Musculoskeletal System Block, 10,2017
Diabetes Fall Symposium for Primary Health Care Professionals, Charleston, SC, Sept 22-23, 2016.
Approaches to the Ankle, Cadaver Lab. Medical University of South Carolina. Charleston, SC 9/2016

2015

Parekh Indo-US Foot and Ankle Surgery Meeting. Faculty, Bangalore, India, January 9-11, 2015.

RELEVANT COURSES

2018

Foot and Ankle Wright Medical Meeting, 11/2018, NYC, NY
Young All-Stars and Advances in Foot and Ankle Surgery, Wright Medical, 11/2018, NYC, NY
AOA Emerging Leaders Forum, 6/2018, Boston, MA

2017

Young All-Stars and Advances in Foot and Ankle Surgery, Wright Medical, 11/2017, NYC, NY
AOA Emerging Leaders Forum, 6/2017, Charlotte, NC
AAOS/OREF/ORS Clinician Scholar Development Program, 9/2017, Rosemont, IL

2016

Advances in Foot and Ankle Surgery, Wright Medical, 11/2016, NYC, NY
AAOS/AOFAS “Coding/Billing of the Foot and Ankle” Webinar 2/2016
Stryker International Foot and Ankle Symposium, 5/2016, NYC, NY
AOA Emerging Leaders Forum, 5/2016, Seattle, WA

2015

AAOS/AOFAS “Coding/Billing of the Foot and Ankle” Webinar 3/2015
 Arthrex Foot and Ankle Fellow Course, 4/2015, Naples, FL
 Stryker International Foot and Ankle Symposium, 6/2015, Chicago, IL

2014

Wright Medical Total Ankle Arthroplasty Course, 10/2014, Durham, NC
 S.T.A.R Total Ankle Arthroplasty Course, 9/2014, Durham, NC
 Tornier 2014 Fellowship Course in Foot and Ankle, 9/2014, Baltimore, MD
 Rush University Sports Medicine Knee Arthroscopy Motor Skills Lab, 1/2014, Chicago, IL
 AO Advanced Trauma Course, 3/2014, La Jolla, CA
 "The Shoulder: Current Concepts on Sports, Trauma, and Reconstruction", ICJR, 4/2014, San Antonio, TX
 Rush University Sports Medicine Shoulder Arthroscopy Motor Skills Lab 6/2014, Chicago, IL
 Tornier 2014 Fellowship Course in Foot and Ankle 9/2014, Baltimore, MD

2013

AAOS Total Ankle Arthroplasty Course, 2/2013, Rosemont, IL: volunteer
 Advanced Nailing & Percutaneous/MIPO Techniques: Residents Dissection Course, 3/2013, Long Beach, CA
 Rush University Sports Medicine Knee Arthroscopy Motor Skills Lab, 4/2013, Chicago, IL
 Rush University Sports Medicine Elbow Arthroscopy Motor Skills Lab, 5/2013, Chicago, IL
 Wright Medical Cadaver Lab, 5/2013, Chicago, IL: IN-BONE II and Prophecy Total Ankle Replacement System Certified
 Rush University Sports Medicine Knee Arthroscopy Motor Skills Lab, 10/2013, Chicago, IL
 Small Bone Innovations S.T.A.R. Cadaver Lab, 10/2013, Chicago, IL

2012

AAOS/AOFAS “The Best of AOFAS Meetings” Webinar, 1/2012
 Rush University Sports Medicine Hip Arthroscopy Motor Skills Lab 2/2012, Chicago, IL
 Foundation of Orthopaedic Trauma Anatomy Dissection Course: Approaches to the Lower Extremity 3/2012, Las Vegas, NV
 Foundation of Orthopaedic Trauma Annual Trauma Symposium, 3/2012, Las Vegas, NV
 Illinois Trauma Association Lower Extremity Trauma, 4/2012, Chicago, IL
 Rush University Sports Medicine Knee Arthroscopy Motor Skills Lab, 4/2012, Chicago, IL
 AAOS/AOFAS “Coding/Billing of the Foot and Ankle” Webinar 5/2012
 AOFAS Annual Meeting, 6/2012, San Diego, CA
 International Society for Hip Arthroscopy Annual Meeting, 9/2012, Boston, MA
 Rush University Sports Medicine Knee Arthroscopy Motor Skills Lab 10/2012, Chicago, IL

2011

Rush University Sports Medicine Knee Arthroscopy Motor Skills Lab 1/2011, Chicago, IL
 Rush University Sports Medicine Hip Arthroscopy Motor Skills Lab 3/2011, Chicago, IL
 Illinois Trauma Association Upper Extremity Trauma, 4/2011, Chicago, IL
 Orthopaedic Trauma Association, Basic Trauma Course 5/2011, Schaumburg, IL
 Rush University Sports Medicine Shoulder Arthroscopy Motor Skills Lab 8/2011, Chicago, IL
 AAOS/AOFAS “Hindfoot” Webinar, 9/2011
 Arthroscopy Association of North America Foot and Ankle Master’s Course, 9/2011, Rosemont, IL: volunteer
 University of Chicago Musculoskeletal Tumor Course, 10/2011 Chicago, IL
 AO Basic Trauma Course, 11/2011 Las Vegas, NV
 Arthrex Foot and Ankle Symposium, 12/2011 Naples, FL

2010

Rush University Sports Medicine Shoulder Arthroscopy Motor Skills Lab 8/2010, Chicago, IL

PUBLICATIONS

Journal Review

1. *Foot and Ankle International*: Reviewer
2. *JBJS Case Connector*: Reviewer

3. *JAAOS*: Reviewer
4. *Foot and Ankle Orthopaedics*: Reviewer
5. *Orthopedics*: Reviewer
6. *PLoS ONE*: Reviewer
7. *Foot and Ankle Specialist*: Reviewer
8. *Diabetes/Metabolism Research and Reviews*: Reviewer
9. *BMC Musculoskeletal Disorders*: Reviewer
10. *Artificial Intelligence in Medicine*: Reviewer
11. *ACTA Orthopaedica*: Reviewer
12. *Electromagnetic Biology and Medicine*: Reviewer
13. *SAGE Open Medical Case Reports*

Abstract and Grant Review

1. AOA Review Taskforce 2018
2. AOFAS Research Grant Review, 2019
3. AOFAS Research Grant Review, 2020
4. AOFAS Annual Meeting Abstract Review, 2020

Peer-Reviewed Journal Papers

1. Gross CE, Nunley J. “Medial-sided Stress Fractures: Medial Malleolar and Navicular Stress Fractures”. *Operative Techniques in Sports Medicine*. 2014 Dec; 22(4): 296-304.
2. Gross CE, Hsu AR, Chahal J, Holmes GB. “Injectable Treatment in Achilles Tendinosis: A Systematic Review”. *Foot Ankle Int*. 2013 May;34(5):619-28.
3. Hsu AR, Gross CE, Lee S, Carreira D. “Extended Indications for Foot and Ankle Arthroscopy”. *Journal of the American Academy of Orthopaedic Surgeons*, 2014 Jan; 22 (1): 10-19.
4. Gross CE, Lin J. “Injection Therapy in the Management of Musculoskeletal Injuries: Foot and Ankle”. *Operative Techniques in Sports Medicine*. 2012 June; 20(2): 185-191.
5. Hsu AR, Gross CE, Lee S. “Intraoperative O-Arm Evaluation of Syndesmotic Disruption: A Case Report.” *Foot Ankle Int*. 2013 May;34(5):753-9.
6. Hsu AR, Gross CE, Lin J. “Bilateral Hallux Varus Deformity Correction with a Suture Button Construct”. *The American Journal of Orthopaedics* 2013 Mar;42(3):121-4.
7. Gross CE, Chalmers P, Chahal J, VanThiel G, Bach B, Cole B, Romeo A. “Operative Treatment of Chondral Defects in the Glenohumeral Joint: a Systematic Review.” *Arthroscopy*. 2012 Dec;28(12):1889-901.
8. Gross AE, Chahal J, Gross CE, Dwyer T, Mall N, Cole BJ. “Outcomes of Fresh Osteochondral Allograft Transplantation in the Knee: A Systematic Review”. *Arthroscopy*. 2013 March; 29(3): 575–588
9. Gross CE, Salata, M; Manno, KM; Yelavarthi, V; Barker, JU; Williams, JM; Virkus, WW; Bush-Joseph, CA; Nho, SJ. “New Radiographic Parameters to Describe Anterior Acetabular Rim Trimming During Hip Arthroscopy”. *Arthroscopy*. 2012 Oct; 28(10): 1404-1409.
10. Gross CE, Hellman M, Freedman R, Hart M, Reddy A, Salata M, Bush-Joseph C, Nho S. “Effect of Anterior Acetabular Rim Recession on Radiographic Parameters: An In Vivo Study”. *Arthroscopy*. 2013 Aug; 29(8):1292-6.

11. Gross CE, Chalmers P, Ellman M, Verma N. "An Acute Brachial Plexopathy after Clavicle Open Reduction Internal Fixation". *Journal of Shoulder and Elbow Surgery*. 2013 May; 22 (5): e6-9.
12. Dishkin-Paset JG, Salata MJ, Gross CE, Manno K, Shewman E, Wang V, Bush-Joseph CA, Nho SJ. "A Biomechanical Comparison of Repair Techniques for Complete Gluteus Medius Tears". *Arthroscopy*. 2012 Oct; 28(10): 1410-1416.
13. Gross CE, Dhawan A, Harwood D, Gochanour E, Romeo A: "Glenohumeral Injections: A Review". *Sports Health: A Multidisciplinary Approach*, 2013 March; 5(2): 153-159
14. Hsu AR, Gross CE, Levine BR: "Pseudotumor for Modular Neck Corrosion after Ceramic-on-Polyethylene Total Hip Arthroplasty". *Am J Orthop*. 2012; 41(9):422-426.
15. Hsu AR, Gross CE, Bhatia S, Levine B. "Template-directed Instrumentation in Total Knee Arthroplasty: A Cost Savings Analysis". *Orthopedics*. 2012 Nov;35(11):e1596-600.
16. Gross CE, Khalpey K, Chong, T, Gates, J. "Compartment syndrome: a unique presentation". *EMed Grand Rounds*. 2008 Aug; 8: 31-34.
17. Bingham J, Rarannagari R, Gross CE, Gill T, Rubash H, Li G. "In-vivo Cartilage Contact Deformation in the Healthy Human Tibiofemoral Joint". *Rheumatology*. 2008 Nov; 47 (11):1622-7.
18. Gross CE, Frank R, Diaz A, Gitelis S. "External Beam Radiation Therapy for Orthopaedic Pathology". *J Am Acad Orthop Surg*. 2015 Apr;23(4):243-52.
19. Gross CE, Hsu, AR, Lin J, Holmes G, Simon L. "Revision MTP Arthrodesis for Failed MTP Arthroplasty". *Foot and Ankle Specialist*, 2013 Dec;6(6):471-8.
20. Gross CE, Hsu AR, Lee S, Gitelis S. "A 53-year-old woman with foot pain: metastatic melanoma". *Orthopaedics Today*, 2013 Nov;33(11): 45-46.
21. Gross CE, Holmes GB. "Treatment of a Neglected Syndesmotic Injury Using a Unique Method of Reduction". *Journal of Foot and Ankle Surgery*, 2016 Mar-Apr; 55(2):379-82.
22. Frank R, Hsu AR, Gross CE, Walton D, Lee S. "Open and Arthroscopic Surgical Anatomy of the Ankle". *Anatomy Research International*, vol. 2013, Article ID 182650, 9 pages, 2013. doi:10.1155/2013/182650.
23. Riff A, Gross CE, Foucher KC, Kuo KN, Gitelis S. "Acetabular Osteoarticular Allograft After Ewing Sarcoma Resection: A 15-year follow-up" *JBJS Case Connector*, 2016 Nov 09; 6 (4):e89.
24. Gross CE, Sershon R, Frank J, Easley ME, Holmes GB. "Management of Avascular Necrosis of the Talus." *JBJS Rev*. 2016 Jul 12;4(7).
25. Gross CE, Haughom B, Chahal J, Holmes GB. "Treatment for Talar Avascular Necrosis: A Systematic Review". *Foot Ankle Spec*. 2014 Oct;7(5):387-97.
26. Hellman M, Gross CE, Hart M, Freeman R, Salata MJ, Bush-Joseph CA, Nho SJ: "Radiographic Comparison of Anterior Acetabular Rim Morphology between Pincer Femoroacetabular Impingement and Control." *Arthroscopy*. 2015 Oct(15): 740-9.

27. Gross CE, Hsu AR, Frank R, Fernandez J. "An Isolated Capitate Stress Fracture after Four Corner Fusion", Submitted, *American Journal of Orthopaedics*, 2014.
28. Clement R, Tainter D, Gross CE, Parekh S, Adams SB. "A Systematic Review of Osteochondral Allograft Transplantation for Osteochondral Lesions of the Talus". In Progress, *Foot and Ankle International*. 2015.
29. Tetreault M, Wetters N, Moric M, Gross CE, Della Valle C. "The Utility of Synovial C-Reactive Protein as Marker for Periprosthetic Joint Infection." *CORR*, 2014 Dec;472(12):3997-4003.
30. Gross CE, Parekh B, Adams S, Parekh S. "Chronic Exertional Compartment Syndrome of the Superficial Posterior Compartment: Soleus Syndrome." *Indian Journal of Orthopaedics*, 2015 Sept; 49(5): 573-576.
31. Gross CE, Kildow B, Parekh S. "Allograft Reconstruction of Peroneal Tendons." *Journal of Foot and Ankle Surgery*, 2014 July-Dec; 1(2): 60-64.
32. Gross CE, Bei C, Gay T, Parekh S. "Short-Term Retrospective of First Metatarsophalangeal Joint Arthrodesis Using a MTP Plate with PocketLock Fixation." *Foot and Ankle Specialist*, 2015 May 8. Epub ahead of print
33. Bei C, Gross CE, Adams S, Gay T, Parekh S. "Dual Plating Arthrodesis of the First Metatarsophalangeal Joint: A Clinical Retrospective Review." *Foot and Ankle Surgery*, 2015 Dec; 21(4):235-9.
34. Gross CE, Erickson B, Adams S, Parekh S. "Ankle Arthrodesis after failed total ankle replacement: a systematic review of the literature." *Foot and Ankle Specialist*, 2015 Apr;8(2):143-51.
35. Levy D, Udawatta T, Gross CE, Garras D. "Treatment of Unicameral Bone Cysts of the Calcaneus: A Systematic Review." *Journal of Foot and Ankle Surgery*, 2015 Jan 28. pii: S1067-2516(14)00563-8.
36. Gross CE, Wyndra F, Holmes GB. "A Unique Treatment for Talar Avascular Necrosis: Internal Bone Stimulator." *JBJS Case Connect*, 2015 Jan 14;5(1):e4-5.
37. Gross CE, Huh J, Gray J, Demetracopoulos C, Nunley JA. "Lateral Column Lengthening with a Porous Titanium Wedge". *Foot and Ankle International*. 2014 Aug;36(8):953-60.
38. Gross CE, Green C, DeOrio JK, Easley M, Adams SB, Nunley JA. "Impact of Diabetes on Outcome of Total Ankle Replacement". *Foot and Ankle International*, 2015 Oct;36(10):1144-9.
39. Shi G, Huh J, Gross CE, Adams SB, Nunley JA. "Total Ankle Arthroplasty Following Prior Infection About the Ankle", *Foot and Ankle International*, 2015 Dec;36(12):1425-9.
40. Gross CE, Green C, DeOrio JK, Easley M, Adams SB, Nunley JA. "The Effect of Obesity on Functional Outcomes and Complications in Total Ankle Arthroplasty." *Foot and Ankle International*, 2016 Feb; 37(2):157-64.
41. Gross CE, Adams SB, Easley ME, Nunley JA. "Role of Fresh Osteochondral Allografts for Large Talar Osteochondral Lesions". *JAAOS*, 2016 Jan; 24(1)e9-e17
42. Gross CE, Nunley JA. "Navicular Stress Fractures." *Foot and Ankle International*. 2015 Sep;36(9):1117-22.
43. Mannava S, Neumann J, Gross CE. "Arthroscopic debridement of pediatric accessory anterolateral talar facet causing impingement". *Arthrosc Tech*, 2016 Apr 25; 5(2): e413-7.
44. Gross CE, Huh J, Lampley A, DeOrio JK, Easley M, Nunley JA. "Outcomes of Bone Grafting of Bone Cysts After Total Ankle Arthroplasty". *Foot and Ankle International*, 2016 Feb; 37(2): 157-64.

45. Gross CE, Garcia R, Adams SB, DeOrio JK, Easley ME, Nunley JA. "Soft Tissue Reconstruction after Total Ankle Arthroplasty". *Foot and Ankle International*, 2016 May; (37)5:522-7.
46. Gross CE, Easley M, Adams SB, Nunley JA, DeOrio JK. "Surgical Treatment of Bony and Soft-Tissue Impingement in Total Ankle Arthroplasty." *Foot and Ankle Specialist*, 2016 Sept 5
47. Gross CE, Adams SB, Parekh SG, Chang D, Bohnen J. "Resident Involvement in Foot and Ankle Surgery." *Foot and Ankle Surgery*, August 2016.
48. Gross CE, Scott D, Cooper A, Parekh SG, Adams SB, Nunley JA. "Cost Effectiveness of Total Ankle Arthroplasty in the Ambulatory versus Inpatient Setting." *J Surg Orthop Adv*. Winter 2018; 27(4): 321-324.
49. Gross CE, Neumann J, Godin J, DeOrio J. "Technique of Arthroscopic Debridement of Impingement Following Total Ankle Arthroplasty". *Arthroscopic Techniques*. 2016 Mar 7;5(2):e235-9.
50. Gross CE, DeOrio JK, Easley M, Adams SB, Nunley JA. "Secondary Arthrodesis after Total Ankle Arthroplasty". *FAI*. 2016 Jul;37(7):709-14
51. Lampley A, Gross CE, Parekh SG, Malhur D. "Push Screw Technique for Calcaneal Fracture Fixation". Proposal accepted. *Techniques in Foot and Ankle Surgery*.
52. Adams SB, Gross CE, Tainter D, Easley ME, Parekh SG. "Surgical Management of Osteochondral Lesions of the Talus". *Duke Orthopaedic Journal*. 2015 June;5(1):35-47.
53. Shi G, Gross CE, Huh J, Parekh SG. "Pantalar Arthrodesis: Surgical Technique and Review of the Literature". *Duke Orthopaedic Journal*. 2015 June;5(1):48-52.
54. Gross CE, Nunley JA. "Acute Achilles Tendon Ruptures". *Foot and Ankle International*. 2016 Feb; 37(2):233-239.
55. Usuelli F, Maccario C, Manzi L, Gross CE. "Clinical Outcome Following Simultaneous Subtalar Fusion and Total Ankle Arthroplasty". *Foot and Ankle International*. 2016 Jul;37(7):696-702.
56. Gross CE, Nunley JA. "Role of Fresh Osteochondral Allografts for Large Talar Osteochondral Lesions". *Instr Course Lect* 2016; 65:301-310.
57. Gross CE, Nunley JA. "Achilles Allograft Reconstruction". *Foot Ankle Clinics North America*, 2017 Dec;22(4):735-743.
58. Gross CE, Levy D, Reid K. "Systematic Review of Suture Button versus Screw Fixation of the Syndesmosis". Accepted, *Techniques in Orthopaedics*, 2017.
59. Gross CE, Palanca A, DeOrio JK. "Design Rationale for Total Ankle Arthroplasty Systems: An Update". *JAAOS*. 2018 May 15; 26 (10): 353-359.
60. Lampley A, Gross CE, Green CL, DeOrio JK, Easley M, Adams S, Nunley JA. "Association of Cigarette Use and Complication Rates and Outcomes Following Total Ankle Arthroplasty". *Foot and Ankle International*. 2016 Oct; 37 (10):1052-1059.
61. Wagener J, Gross CE, Schweizer C, Horn-Lang T, Hintermann B. "Custom designed total ankle replacement for the salvage of major talar bone loss." *Bone Joint J*. 2017 Feb;99-B(2):231-236.
62. Manzi L, Usuelli F, Gross CE. "Total ankle arthroplasty and secondary arthrodesis". *Minerva Ortopedica e Traumatologica*, 2017 Jun 68: 64-73.

63. Manzi L, Usuelli F, Gross CE. “Tibial slope in total ankle arthroplasty: anterior or lateral approach.” *Foot and Ankle Surgery*, 2017 June; 23 (2): 84-88.
64. Gross CE, Messerschmidt C, Netto A, Barfield W, McKibbin WK. “Functional Outcomes of Gastrocnemius Recession for Isolated Gastrocnemius and Gastrocnemius-Soleus Contractures”. *J Surg Orthop Adv Summer 2018*;27(2):125-130.
65. Kildow B, Gross CE, Easley ME, Adams SB, Parekh SG. “Measurement of Nitinol Recovery Distance Using Pseudoelastic Intramedullary Nail in Tibiotalocalcaneal Arthrodesis”, *Foot Ankle Spec*, 2016 Dec; 9(6): 494-499.
66. Erickson BJ, Gross CE, Kumar N, Shallop B, Mjaanes J, Romeo AA, Bach BR Jr., Parekh S. “Concussions and Crime in the National Football League”. *Ann Sports Med Res*. 2017. 4(2):1102
67. Erickson BE, Fillingham Y, Hellman M, Parekh SG, Gross CE. “Surgical Management of Large Talar Osteochondral Defects Using Autologous Chondrocyte Implantation”. *Foot and Ankle Surgery*, 2018 Apr;24(2):131-136.
68. Gross CE, Barfield W, Schweizer C, Rasch H, Hirschmann MT, Hintermann B, Knupp M. “The utility of the ankle SPECT CT to predict functional and clinical outcomes in supramalleolar osteotomy patients”. *Journal of Orthopaedic Research*, 2018 Jul;36(7):2015-2021
69. Lin Z, Boaz R, Gross CE. “Significant Differences Exist in Patient Demographics of Foot and Ankle Surgeries between High Quality Prospective Studies and National Databases.” Submitted, *Foot and Ankle Specialist*, 2017.
70. Lin Z, Boaz R, Wolf G, Makhni E, Gross CE. “Variability and Quality of Physical Therapy Protocols after Surgical Repair for Achilles Tendon Rupture Available Online for Patient and Therapist Education.” Submitted, *Foot and Ankle Specialist*, 2017.
71. Gil D, Shuvaev S, Frank-Kamenetskii A, Reukov, Gross CE, Vertgel A. “Novel Antibacterial Coating on Orthopedic Wires to Eliminate Pin Tract Infections.” *Antimicrobial Agents and Chemotherapy*, 2017 Jun 27; 61(7).
72. Gross CE, Tetreault M, Bohl D, Yi P, Sporer S, Della Valle C. “A classification-based approach to the patella in revision total knee arthroplasty”. *Arthroplasty Today*, 2017. 3(4):264-268.
73. Tracey J, Gross CE, Arora D, Parekh SG. “Jones Fractures—Plating and IM Screws: Technique of ORIF Jones Fractures, Reduction, Deciding Proper Screw Size, and Plating Options”. *Operative Techniques in Orthopaedics*, 2018 June; (28)2.
74. Tracey J, Gross CE, Arora D, Parekh SG. “Custom 3D-Printed Total Talar Prostheses Restore Normal Joint Anatomy Throughout the Hindfoot”. *Foot and Ankle Specialist*. 2019 Feb; 12(1): 39-48.
75. Borodinov N, Gil D, Savchak M, Gross CE, Yadavalli NS, Ma R, Tsukruk VV, Vertegel A, Luzinov I. “En Route to Practicality of the Polymer Grafting Technology: One-Step Interfacial Modification with Amphiphilic Molecular Brushes”. *ACS Appl Mater Interfaces*. 2018 April 25; 10(16): 13941-13952.
76. Traven SA, Synovec JD, Walton ZJ, Leddy LR, Suleiman LI, Gross CE. “Notable Racial and Ethnic Disparities Persist in Lower Extremity Amputations for Critical Limb Ischemia and Infection. *J Am Acad Orthop Surg*. 202 Jan 10 [e-pub ahead of print]
77. Usuelli FG, Maccario C, Indino C, Manzi L, Romano F, Gross CE. “Evaluation of Hindfoot Alignment After Fixed- and Mobile-Bearing Total Ankle Prosthesis”. *Foot Ankle Int*. 2020 Mar; 41(3): 286-293
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Book Editor

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2. Manzi L, Usuelli FG, Caughman A, Gross CE. "Does prior surgery affect total ankle complication and failure rates?" Poster Presentaion at AOFAS Annual Meeting, San Antonio TX, Sept 2020
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88. Hellman M, Gross CE, Hart M, Freedman R, Bush-Joseph C, Nho S. Anterior Acetabular Rim Morphology in an Asymptomatic Population, E-poster at the International Society for Hip Arthroscopy, Boston MA, September 27-29, 2012
89. Hellman M, Gross CE, Hart M, Freedman R, Bush-Joseph C, Nho S. Anterior Acetabular Rim Morphology in an Asymptomatic Population, Poster at the Orthopaedic Research Society San Antonio, Texas, January 26-29, 2013
90. Salata M, Manno K, Yelavarthi V, Barker J, Gross CE, Williams J, Virkus W, Bush-Joseph C, Nho S. Effect of Acetabulum Rim Recession on Anterior Rim Angle: A Cadaveric Study. Podium presentation at the American Orthopaedic Society for Sports Medicine Annual Meeting, San Diego, CA, July 8, 2011.
91. Dishkin-Paset J, Salata M, Manno K, Gross CE, Shewman E, Wang V, Bush-Joseph C, Nho S. A Biomechanical Comparison of Repair Techniques for Complete Gluteus Medius Tears. Poster presentation at the 57th Annual Meeting of the Orthopaedic Research Society, Long Beach, CA, January 13-16, 2011
92. Salata M, Manno K, Yelavarthi V, Barker J, Gross CE, Williams J, Virkus W, Bush-Joseph C, Nho S. Effect of Acetabulum Rim Recession on Anterior Rim Angle: A Cadaveric Study. Poster presentation at the 57th Annual Meeting of the Orthopaedic Research Society, Long Beach, CA, January 13-16, 2011.
93. Bingham JT, Gross CE, Papannagari R, Rubash H, Li G. Thicker Cartilage Observed In Regions Of Articular Contact In The In-Vivo Knee. Poster presentation at the Orthopaedic Research Society, July 2006
94. Bingham JT, Gross CE, Papannagari R, Rubash H, Li G. In-Vivo Tibio-Femoral Cartilage Contact Strain In Healthy Individuals. Podium presentation at the Orthopaedic Research Society, July 2006

Electronic Publications

1. Glazebrook M, Gross CE. Arthroscopic Arthrodesis for Tibiotalar Arthritis. Surgical Skills Video, Web Video Education Library for AANA, 12/2011
<http://www.aana.org/VideoEducationLibrary/CourseListings/FootAnkle/ArthroscopicAnkleArthrodesis/tabid/820/Default.aspx>
2. Gross CE. Tarsometatarsal arthritis. Orthopaedia Main. In: Orthopaedia - Collaborative Orthopaedic Knowledgebase. Created Jun 06, 2010 11:37. Last modified Feb 13, 2012, 2011 12:09 ver.17. Retrieved 2012-02-13, from <http://www.orthopaedia.com/display/Main/Tarsometatarsal+arthritis>
3. Gross CE. Mortons neuroma. Orthopaedia Main. In: Orthopaedia - Collaborative Orthopaedic Knowledgebase. Created Jun 06, 2010 11:37. Last modified Oct 06, 2011 12:09 ver.17. Retrieved 2011-10-08, from <http://www.orthopaedia.com/x/HgsCAG>

4. Gross CE, Lieberman G. Diverticular Disease. March 2008
<http://eradiology.bidmc.harvard.edu/LearningLab/gastro/Gross.pdf>
5. Gross CE, Easley ME. “Diagnostic Subtalar Arthroscopy”. Video. *The Foot and Ankle: AAN A Advanced Arthroscopic Surgical Techniques*. SLACK: Thorofare, NJ. 2016.
6. Gross CE, Haddad S, “Subtalar Fusion”. Video. *Case Competencies in Orthopaedic Surgery*.
7. Gross CE. “Treatment of Bone Cysts Following Total Ankle Arthroplasty”. Webinar. FOOTinnovate. 4/2016
8. Gross CE, “Total Ankle Replacement in Diabetics”. <http://atlasofscience.org/total-ankle-replacements-in-diabetics/>
9. Gross CE. “Literature Update: Options for Treating Ankle Arthritis”. *JBJS OrthoBuzz*.
<https://orthobuzz.jbjs.org/2016/07/12/literature-update-options-for-treating-ankle-arthritis/>
10. Gross CE. “VIDEO: A look at wound complications following total ankle replacements”. *Orthopedicstoday*. July 26, 2016. http://www.healio.com/orthopedics/foot-ankle/news/online/%7B4ede191f-b6e4-487a-a41d-eddfcd19fa0%7D/video-a-look-at-wound-complications-following-total-ankle-replacements?utm_source=maestro&utm_medium=email&utm_campaign=orthopedics%20news.
11. Gross CE. “The Rheumatoid Foot”. Webinar. FOOTinnovate. 2/2017

Interviews

1. International Congress for Joint Reconstruction: “Resident Involvement Increases Morbidity but not Mortality in Foot and Ankle Surgery, March 2016
2. Terry Staton: “Study: Longer Surgical Times Linked to Wound Complications in TAR”, *AAOSNow*, October 2016.
3. Casey Tingle: “Total ankle replacement yielded cost savings when performed at ASCs”, *Orthopedicstoday*, October 2016.
4. Bobby Connor: “Training for the Big Race”, *National Public Radio*. May 2017.
5. Laura Johannes: “Ankle Replacements Take Off as Devices Appear Durable”, *Wall Street Journal*. Nov 12 2017

International Presentations

1. Gross CE, Tetreault M, Yi P, Sporer S, Della Valle C. Management of the Patella in Revision Total Knee Arthroplasty. Presentation for the International Congress for Joint Reconstruction, March 2013.
2. Tetreault M, Wetters N, Moric M, Gross CE, Della Valle C. The Utility of Synovial C-Reactive Protein as Marker for Periprosthetic Joint Infection. Presentation for the International Congress for Joint Reconstruction, March 2013.
3. Nunley JA, Gross CE. “The Future of Foot and Ankle Surgery”. Basel, Switzerland, 10/2014
4. Gross CE. “Imaging of the Foot and Ankle”. Parekh Indo-US Foot and Ankle Surgery Meeting. Bangalore, India, 1/2015.
5. Gross CE. “Ankle Arthritis—Non-operative management”. Parekh Indo-US Foot and Ankle Surgery Meeting. Bangalore, India, 1/2015.

6. Gross CE. “Hallux Rigidus—Are We Ready for a Replacement?”. Parekh Indo-US Foot and Ankle Surgery Meeting. Bangalore, India, 1/2015.
7. Gross CE. “Techniques and Tips of Amputations of the Foot and Ankle”. Parekh Indo-US Foot and Ankle Surgery Meeting. Bangalore, India, 1/2015.
8. Gross CE. “Posteromedial Ankle Approach for TTR/PTTD, Lateral Approach for ORIF Fibula, Peroneal Repair”. Parekh Indo-US Foot and Ankle Surgery Meeting. Bangalore, India, 1/2015.
9. Gross CE. “Diagnosis and Conservative Management of Charcot Foot”. Parekh Indo-US Foot and Ankle Surgery Meeting. Bangalore, India, 1/2015.
10. Gross CE. “SPECT Imaging in the Foot and Ankle”. Seoul Foot and Ankle Center, Seoul Paik Hospital, Inje University, 5/2018.
11. Gross CE. “The Diabetic Foot in the United States”. Hospital Paz, Port au Prince, Haiti, 12/2018
12. AOA North American Traveling Fellowship Talks: “Charcot Arthropathy”. Dalhousie University, Halifax, Nova Scotia, October 2019

National Presentations

1. Younger A, Gross CE. Ankle, Subtalar, Great Toe Dissection. Live Demo, Arthroscopy Association of North America, Rosemont IL, 9/2011
2. Lee S, Gross CE, Hsu AR. Ankle and Subtalar Arthroscopy, AOFAS Post-Graduate Educations Lecture Series, 2012
3. Lee S, Gross CE, Hsu AR. Ankle and Hindfoot Arthropathy, AOFAS Post-Graduate Educations Lecture Series, 2012
4. Nunley JA, Gross CE. “Large Talar OCDs”. *Instructional Course Lecture Series*, 2015 AAOS Annual Meeting, Las Vegas, NV, 3/2015.
5. Gross CE. “Building a Successful Fellowship Application in Foot and Ankle Surgery”. AOFAS Annual Meeting, Long Beach CA, 7/2015
6. Gross CE. “Ten things I wished I learned in residency.” AOFAS Annual Meeting, Toronto, CA, June 20-23, 2016.
7. Gross CE. “Managing your weekly practice”. AOFAS Annual Meeting, Boston, MA. 8/2017.
8. AOA North American Traveling Fellowship Talks (October-November, 2019):
 - a. The Myths of Total Ankle Replacement. Brown University. Providence, RI.
 - b. BBQ in the South. Brown University. Providence, RI
 - c. BBQ in the South Harvard Club combined faculty dinner. Boston, MA.
 - d. Charcot Arthropathy. Philadelphia Orthopaedic Society Meeting. Philadelphia, PA.
 - e. The Myths of Total Ankle Replacement Harvard Combined Orthopaedic Academic Program. Boston, MA.
 - f. The Myths of Total Ankle Replacement. NYU Langone Orthopedic Hospital. New York, NY.
 - g. Charcot Arthropathy. Hospital for Special Surgery. New York, NY.
 - h. The Myths of Total Ankle Replacement Columbia University. New York, NY.

- i. The Myths of Total Ankle Replacement. University of Virginia. Charlottesville, VA.
- j. BBQ in the South. University of Virginia. Charlottesville, VA.
- k. The Myths of Total Ankle Replacement. Johns Hopkins University. Baltimore, MD.
- l. Charcot Arthropathy. Carolinas Medical Center. Charlotte, NC.
- m. The Myths of Total Ankle Replacement. Wake Forest University. Winston Salem, NC.
- n. The Myths of Total Ankle Replacement. Emory University. Atlanta, GA.

Regional Presentations

1. Gross CE, Kogan M. Valgus Knee in the Pediatric Patient. Rush University Medical Center, Grand Rounds, Chicago IL, 2/2011
2. Gross CE, Della Valle C. Patellar Management in Revision Total Knee Arthroplasty. Gunnar B.J. Andersson Lecture Series, Chicago IL, 8/2011
3. Gross CE, Lee S. Ankle Fracture with Syndesmotic Disruption: Current Concepts. Rush University Medical Center, Grand Rounds, Chicago IL, 10/2011
4. Gross CE, Virkus WW. Calcaneus Fractures: Facts and Controversies. Rush University Medical Center, Grand Rounds, Chicago, IL 4/2012
5. Gross CE, Lin J, Lee S. Acute Achilles Tendon Ruptures in Elite Athletes. Gunnar B.J. Andersson Lecture Series, Chicago, IL 8/2012
6. Gross CE, Lin J. Adult Acquired Flatfoot Deformity, Rush University Medical Center, Grand Rounds, Chicago, IL 10/2012
7. Gross CE, Rosenberg A. Infection in Total Knee Arthroplasty: A Review and Current Update, Rush University Medical Center, Grand Rounds, Chicago, IL 1/2013
8. Gross CE, Verma N. Clavicle and Scapula Fractures, Rush University Medical Center, Chicago, IL 1/2013
9. Gross CE, Garras D. Ankle Arthritis in the Young Patient. Gunnar B.J. Andersson Lecture Series, Chicago, IL 8/2013
10. Gross CE. Foot Anatomy. Rush University Medical Center, Chicago, IL 8/2013
11. Gross CE, Holmes GB. Talar Avascular Necrosis. Rush University Medical Center, Chicago, IL 12/2013
12. Gross CE, DellaValle C. Management of the Extensor Mechanism in Revision Total Knee Arthroplasty. Thesis Day, Rush University Medical Center, Chicago, IL 6/2014
13. Gross CE. "Compression Neuropathy". Duke University Medical Center, Durham NC 12/14
14. Gross CE. "Synchondroses". Duke University Medical Center. Durham, NC. 4/2015.
15. Gross CE. "Achilles Tendon Injuries in the Athlete". The Foot Store. Charleston, SC. 2/2016.
16. Gross CE. "Adult Acquired Flatfoot". Medical University of South Carolina. Charleston, SC. 2/2016
17. Gross CE. "The Cavovarus Foot". Medical University of South Carolina. Charleston, SC. 2/2016
18. Gross CE. "The Rheumatoid Forefoot". Medical University of South Carolina. Charleston, SC. 4/2016

19. Gross CE. "Hallux Valgus". Medical University of South Carolina. Charleston, SC. 5/2016
20. Gross CE. "Hallux Rigidus". Medical University of South Carolina. Charleston, SC. 5/2016
21. Gross CE. "Lesser Toe Deformities and Morton's Neuroma". Medical University of South Carolina. Charleston, SC. 4/2016
22. Gross CE. "The Rheumatoid Foot". Medical University of South Carolina. Charleston, SC. 8/2016.
23. Gross CE. "Running Injuries". The Foot Store. Charleston, SC. 9/2016.
24. Gross CE. "Ankle and Hindfoot Arthritis". Medical University of South Carolina. Charleston, SC. 9/2016.
25. Gross CE. "Midfoot Arthritis". Medical University of South Carolina. Charleston, SC. 9/2016.
26. Gross, CE. "Foot and Ankle". Medical University of South Carolina MD Program, COM Year 1, MSK Block, 10/2016
27. Gross CE. "Osteochondral Lesions of the Talus". Medical University of South Carolina. Charleston, SC. 2/2017.
28. Gross CE. "Chronic lateral ligament instability of the ankle". Medical University of South Carolina. Charleston, SC. 2/2017.
29. Gross CE. "Ankle sprains: acute and chronic". Medical University of South Carolina. Charleston, SC. 2/2017.
30. Gross CE. "Achilles, Peroneal, and Posterior Tibial Tendonitis". Medical University of South Carolina. Charleston, SC. 2/2017.
31. Gross CE. "Physician and Hospital Alignment", for South Carolina State University MBA course "Healthcare System Delivery in the U.S.", Charleston, SC, 2/2017
32. Gross CE. "Foot and Ankle Trauma: Calcaneus, Talus, Midfoot, and Forefoot." Medical University of South Carolina. Charleston, SC 5/2017
33. Gross CE. "The Diabetic Foot". Medical University of South Charleston, SC 5/2017
34. Gross CE. "Diabetes in Foot and Ankle Surgery". Grand Rounds, Endocrinology, Charleston, SC 6/2017
35. Gross CE. "Managing your weekly practice". AOFAS Annual Meeting, Seattle, WA. 7/2017.
36. Gross CE. "Foot and Ankle Anatomy"; "Cadaver Dissection". Medical University of South Carolina. Charleston, SC 9/2017
37. Gross, CE. "Foot and Ankle". Medical University of South Carolina MD Program, COM Year 1, MSK Block, 10/2017
38. Gross CE. "Achilles and Arthroscopy Cadaver Dissection". Medical University of South Carolina. Charleston, SC 1/2018
39. Gross CE. "Ankle sprains: acute and chronic". Medical University of South Carolina. Charleston, SC. 2/2018.
40. Gross CE. "Achilles, Peroneal, and Posterior Tibial Tendonitis". Medical University of South Carolina. Charleston, SC. 2/2018.

41. Gross CE. “Ankle and Hindfoot Pathology Cadaver Lab.” Medical University of South Carolina. Charleston, SC 3/2018
42. Gross CE. “Foot and Ankle Trauma: Calcaneus, Talus, Midfoot, and Forefoot.” Medical University of South Carolina. Charleston, SC 5/2018
43. Gross CE. “Approaches to the Ankle, Cadaver Lab.” Medical University of South Carolina. Charleston, SC 9/2018
44. Gross CE. “Ankle Fractures.” Medical University of South Carolina. Charleston, SC 9/2018
45. Gross CE. “Skeletal Muscle: Form and Function.” Medical University of South Carolina. Charleston, SC 9/2018
46. Gross CE. “Achilles tendontitis”. Medical University of South Carolina. Charleston, SC 11/2018
47. Gross CE. “Ankle sprains: acute and chronic”. Medical University of South Carolina. Charleston, SC. 11/2018.
48. Gross CE. “Achilles, Peroneal, and Posterior Tibial Tendonitis”. Medical University of South Carolina. Charleston, SC. 11/2018
49. Gross CE. “Ankle and Knee Arthroscopy Cadaver Lab.” Medical University of South Carolina. Charleston, SC 12/2018
50. Braunstein J, Gross CE. “Foot and Ankle Amputations”. Grand Rounds, Medical University of South Carolina. Charleston, SC 3/2019
51. Gross CE. “Ankle and Knee Arthroscopy Cadaver Lab.” Medical University of South Carolina. Charleston, SC. 5/2019.
52. Gross CE. “Approaches to the Ankle, Cadaver Lab.” Medical University of South Carolina. Charleston, SC 9/2019
53. Sleasman B, Gross CE. “Updates in Total Ankle Arthroplasty”. Grand Rounds Medical University of South Carolina, 10/2019
54. Gross CE. “My Experience as a North American Traveling Fellow”. Grand Rounds Medical University of South Carolina, 11/2019
55. Gross CE. “Ankle sprains: acute and chronic”. Medical University of South Carolina. Charleston, SC. 2/2020.
56. Gross CE. “Achieving Financial Independences”. Medical University of South Carolina. Charleston, SC. 2/2020.
57. Gross CE. “Pes Planus and Posterior Tibial Tendon Dysfunction”. Medical University of South Carolina. Charleston, SC 3/2020.

ATHLETIC EXPERIENCE

- Team Physician:
 - DePaul University, Chicago, IL 2009-2012
 - Lincoln Park High School, Chicago, IL 2009-2012

- Christian Hope Academy, Chicago, IL 2009- 2012
- Duke University Athletics, Durham, NC, 2014-2015
- Charleston Ballet Company, Charleston, SC, 2015-
- RiverDogs (Single-A baseball), Charleston, SC, 2017-

EXTRACURRICULAR ACTIVITIES

- Medical University of South Carolina
 - Research Committee
 - Residency Selection Committee, 2015-
 - Executive Committee, 2017-
- American Corporate Partners, Veteran Mentoring Program, 2020-
- Big Brothers Big Sisters, Metropolitan Chicago, mentor 2011- 2014
- Chicago Police Memorial Foundation, volunteer/fundraiser 2011- 2014
- Chicago Symphony Orchestra, “Doc of the House”, volunteer 2012- 2014
- Rush Medical Student Orthopaedic Interest Group (OIG): resident mentor and coordinator for medical students exploring orthopaedic surgery research and career, 2009- 2014
- Soles4Souls, homeless foot and ankle health, Medical student and residency liaison, volunteer 2011- 2014
- Insights Orthopaedics, iPad application for Orthopaedic journals and discussions, consultant, 2013-2014
- John Warren Surgical Society, Harvard Medical School, President: facilitated mentoring program and surgical skill workshops for medical students interested in a surgical career, 2005-2009

SOFTWARE PROFICIENCY

- Adobe Photoshop, Rhinoceros 3D, PearlDriver, iMovie

INTERESTS

- Travel and backpacking (Japan, South Korea, Thailand, Australia, New Zealand, India, Turkey, Central America, South America, Western and Eastern Europe), distance running and swimming, weight lifting, fencing, South Carolina Barbeque Association Certified Judge, gardening, photography, cooking