

DANIEL K. MOON, MD, MS, MBA

University of Colorado
Department of Orthopedics
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Current Clinical Appointment

UNIVERSITY OF COLORADO, ANSCHUTZ MEDICAL CAMPUS

Denver, CO

Assistant Professor, Department of Orthopedics

10/2016-present

- North Region Director
 - Created regional expansion strategy for department and established two new clinic sites of practice.
 - Designed and oversight of the construction of a new multi-specialty clinical center.
 - Recruitment of additional orthopedic surgeons across subspecialties and mentoring them through growth.
 - Collaboration with other departments (Neurosurgery, Nephrology, and PM&R) to add providers to clinic.
 - Testing and advocating a new department financial model to align community practices and physicians.
- Research interests: Healthcare Education Reform, Foot & Ankle Biomechanics, Surgical Innovations.
- CU Department Committees: Finance; Residency Program Evaluation; Clinical Competency.
- Director of Orthopaedic Residency “Principles of Practice” educational curriculum.
- Founder/Director of “The Business of Medicine” (TBOM), CU SOM 4th year elective course.

Education

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Cambridge, MA

M.S. in Mechanical Engineering

6/2000-6/2001

B.S. in Mechanical Engineering

9/1996-6/2001

- Honors: Sigma Xi Research Society. Pi Tau Sigma Mechanical Engineering Honor Society.
- US Patent# 7178767B2, Co-inventor of rapid deployment tripod.
- 6.270 Autonomous Robot Design Competition: Semi-finalist.

HARVARD BUSINESS SCHOOL

Boston, MA

M.B.A.

9/2007-6/2009

- Coursework included: Strategy, The Moral Leader, Entrepreneurship & Venture Capital in Healthcare, Inventing Breakthroughs and Commercializing Science, Business Government & International Economy.
- Healthcare Immersion Program: Selected by Michael Porter for a special series of healthcare case studies.
- Venture Capital Investment Competition: Winner of HBS division, 2nd place in New England.
- Healthcare Conference Panel Captain: Engaged clinical & industry experts for Payer & Provider Panel.
- The MBA Oath: Helped create a ‘Hippocratic Oath’ for MBA’s. Organized 1st MBA Oath Ceremony.

COLUMBIA UNIVERSITY COLLEGE OF PHYSICIANS & SURGEONS

New York, NY

M.D.

8/2004-6/2007, 7/2009-5/2010

- Markets in Medicine Club: Recruited experts for and moderated a Drug & Device Development Panel.
- Creator of a Nephron Map study guide used by medical students at universities around the world.

WASHINGTON UNIVERSITY IN SAINT LOUIS

Saint Louis, MO

Resident, Department of Orthopaedic Surgery

7/2010-6/2015

- 2012 WUSTL Distinguished Teaching Service Award - Resident of the Year. Selected from 800+ residents.
- Team Coverage: Local high school football teams. Assisted with NFL St. Louis Rams training camp.

Founder/Instructor, “The Business of Medicine” (TBOM) medical school 4th year elective course

- With Former Dean William Peck, MD, created an official medical school course to address a critical gap in medical education, including topics: Healthcare Industry Structure, Practice Management, Drug & Device Development, Malpractice, and Hospital Operations. Speakers include corporate, medical, and political

leaders, e.g., CMO of WellPoint, COO of Barnes-Jewish Hospital, former CSO of Pharmacia, and a Missouri State House Representative.

- Awarded a \$10,000 grant from the Barnes-Jewish Hospital Foundation to continue and expand the course.

Instructor, “Practice of Medicine” (POM III) medical school 3rd year required course in 2015

- Lectured on Healthcare Financing, PPACA, & Billing and Coding.

MASSACHUSETTS GENERAL HOSPITAL/ HARVARD UNIVERSITY

Boston, MA

Foot and Ankle Fellowship Program, Assistant in Orthopaedic Surgery

8/2015-7/2016

- Comprehensive orthopedic foot and ankle surgery program led by Harvard Medical School faculty, including reconstruction, trauma, sports, deformity, and nonoperative care.

Clinical Administration

UCHEALTH BROOMFIELD HOSPITAL

Broomfield, CO

Medical Director of Surgery

- Partnering with hospital leadership and administration to address ongoing concerns and to provide feedback.
- Providing clinical oversight of key issues facing the hospital, e.g.,
 - Ongoing operations optimization and troubleshooting with nursing and anesthesia leadership (triad).
 - OR block schedule management & allocation, e.g. steady state, ad hoc COVID, equipment outages, etc.
 - Utilization Analyses, e.g., optimization based on assessing resource constraints, surgeon efficiency, etc.
 - Implant category introductions, e.g. custom orthopaedic implants, long-acting pain catheter pumps
- Committees: BFH Medical Executive Committee, LPH/BFH Patient Safety & Quality Committee, LPH/BFH Perioperative Service Line Committee, LPH/BFH Trauma Committee, BFH Credentialing Committee

CU MEDICINE LONGMONT SPECIALTY CARE CLINIC

Longmont, CO

CU MEDICINE BROOMFIELD MEDICAL CENTER

Broomfield, CO

Medical Director

- Overseeing new clinical care site operations as part of expansion strategy for academic community care.
- Handling bulk transfer of clinic staff affiliation from hospital organization to direct practice employment.
- Pioneered a new regional practice, hiring 7 new orthopedic surgeons & recruiting other specialty physicians.
- Co-developed facility expansion strategy including site selection, business modeling, architectural design, project management, lease structure, and diligence on potential partnerships.
- Marketing with local practices to build center & organizational reputation and improve market penetration.

UCHEALTH LONGS PEAK HOSPITAL

Longmont, CO

- Committees: LPH Perioperative Block Committee
- Prior coordinator for orthopaedic trauma call coverage at a Level 3 facility and addressing triage issues.

Other Clinical Practice Sites

UNIVERSITY OF COLORADO HOSPITAL

Aurora, CO

- Foot & Ankle surgical care at an academic, Level 1 tertiary care center.

UCHEALTH FOOT AND ANKLE CENTER

Central Park, CO

- Regional center of excellence for comprehensive Foot & Ankle care.
- Multidisciplinary team including orthopaedic surgery, podiatry, physiatry, physical therapy, and orthotist.
- Advanced diagnostics including Weightbearing CT, Clinical Motion Laboratory, C-Arm, Ultrasound, X-ray.
- Member of Diversity, Equity, and Inclusion Committee

CU SPORTS MEDICINE AND PERFORMANCE CENTER

Boulder, CO

- In partnership with Boulder Community Health, providing Foot & Ankle outpatient clinic care.
- General ortho trauma call coverage at Boulder Community Hospital, a Level 2 facility.

Prior Employment

VIVO CAPITAL

Palo Alto, CA

Intern Associate at Life Sciences Venture Capital Fund (\$650M)

6/2008-9/2008

- Led evaluation of potential investment in an orthopedic spine startup, researching & consulting experts.
- Analyzed potential market for a dermatologic startup, culminating in investment and, later, a \$75M exit.
- Performed due diligence on potential deals across therapeutic areas, stages, and geographies.

02138 MAGAZINE

Cambridge, MA

Vice-President for startup Ivy League alumni magazine

5/2004-9/2004

- Collaborated with founders on financial models for investors, advertisers, and advisors.
- Directed promotions generating public interest & validating target market of powerful, aspirational alumni.

TRANSLION, INC.

Boston, MA

Consultant for startup medical research investment fund

6/2003-7/2004

- Worked with startup CEO, Chairman of the Board, and CFO across company operating and funding issues.
- Created presentations highlighting the fund's strategy and science for potential investors.

THE BOSTON CONSULTING GROUP

Boston, MA

Associate for international management consulting firm

9/2001-5/2003

- Consulted diverse clients on strategic projects, including: R&D portfolio management for a Fortune 100 pharmaceutical, pricing for a drafting software company, market segmentation for a global telecom, output efficiency for an industrial metals client, and an internal strategy project with leading firm partners.

LOS ALAMOS NATIONAL LABORATORY

Los Alamos, NM

Graduate Research Assistant, Weapons Engineering Group

6-8/1998; 6-8/1999; 6/2000-1/2001

- US Department of Energy 'Top Secret' security clearance for protection and analysis of classified data.
- Oversaw concept generation, prototype development, and testing of a new W80-0 warhead and Tomahawk missile interface part for Masters thesis project, helping double weapon system life to 40 years.
- Researched and performed parts tolerance study. Validated and improved B16 bomb assembly model.

ORTHOPAEDICS BIOMECHANICS LABORATORY AT BETH ISRAEL HOSPITAL

Boston, MA

Undergraduate Research Student

9/1997-1/1998

- Analyzed experimental data investigating a variety of fall dynamics as potential causes of hip fractures.
- Created parts which corrected an experiment flaw and increased the clinical relevance of the study.

Volunteer and Professional Organizations

COLORADO ORTHOPAEDIC SOCIETY

Colorado

Board of Directors

6/2018-present

- Negotiated alongside Colorado Medical Society to reach agreement with Podiatry Board on podiatry scope of practice state legislation.
- Coordinated with COS and CMS to lead University of Colorado Orthopaedic faculty response to 2019 Out-of-Network legislation bills.
- Provided testimony at State Capitol across multiple issues and legislative bills including the Colorado public option and the licensure of athletic trainers.

AMERICAN ORTHOPAEDIC FOOT AND ANKLE SOCIETY (AOFAS)

Rosemont, IL

Committee Member, Committee on Committee Advisory Group

3/2017-present

- Appointed by the Board of Directors to a 4-member task force to revise committee protocols and to streamline committee selection process and criteria.
- Advise President, Past-President, and President-Elect of subspecialty society on organizational structure.

Committee Member, Health Policy Committee

9/2019-present

- Working alongside prominent leaders in the subspecialty to develop a world-class foot and ankle orthopaedics outcomes network for quality improvement, detailed research, and technological innovation

Committee Member, Orthopaedic Foot and Ankle Research Managerial Board 3/2017-2019

- Working alongside prominent leaders in the subspecialty to develop a world-class foot and ankle orthopaedics outcomes network for quality improvement, detailed research, and technological innovation
- Developing business model, industry value proposition, and designing data products

AMERICAN ACADEMY OF ORTHOPAEDIC SURGEONS (AAOS)

Rosemont, IL

Board of Councilors

2020-present

- Representing the Colorado Orthopaedic Society on the AAOS' national grass roots body.

Committee Member, State Legislative and Regulatory Issues Committee

2021-present

- Evaluated and assessed state society applications for funding to support legislative issues.

AAOS sole representative, Democratic Governors Association

2018, 2021

- Represented the AAOS at the 2018 Democratic Governors Association meeting in Aspen, CO, advocating orthopedics surgeon issues with governors from multiple states.
- Represented the AAOS at the 2021 Democratic Governors Association meeting in Santa Fe, NM, meeting with Colorado governor to discuss regulatory issues including non-physician predatory practices with respect to stem cell injections, prior authorization, etc.

Committee Member, AAOS Committee on Outside Interests

3/2017-3/2018

Committee Member, AAOS Ethics Committee

3/2014-3/2017

- AAOS 2016 ICL panelist on bioethics of Accountable Care Organizations and Domestic Medical Tourism
- Revised and updated AAOS Opinion on Ethics and Professionalism: Advertising by Orthopaedic Surgeons
- Revised and helped write proposed AAOS Opinion on Ethics and Professionalism: Concurrent Surgery

AAOS Washington Health Policy Fellow

5/2015-5/2016

- One of two fellows selected annually to work closely with the AAOS Office of Government Relations.
- Volunteered with AAOS Health Care Systems Committee to work on alternative payment models project.
- Participated in AAOS National Orthopaedic Leadership Conferences, and Council on Advocacy Meetings.
- Helped represent AAOS issues to Congressional legislators and staffers during congressional visits.

COLUMBIA UNIVERSITY ADVISORY COMMITTEE ON SOCIALLY RESPONSIBLE INVESTING New York, NY

Student Representative

10/2004-5/2006

- Appointed by University President Lee Bollinger as the sole Health Sciences campus student representative.
- Advised Board of Trustees on shareholder proposals involving \$600M of the university's endowment.
- Voted 120+ social issue proxies, e.g., pharmaceutical pricing, environment, and political donations.
- Set Columbia's Sudan policy to divest from 18 companies after working with Trustees & student groups.

Board Certification

AMERICAN BOARD OF ORTHOPAEDIC SURGERY

Board Certified Orthopaedic Surgeon

7/2018 - Present

Peer-Reviewed Publications

Wallace SB, Hamati M, Lendrum J, Schultz L, Metzl J, Moon DK, Hunt KJ. (2022) Noninvasive Soft Tissue Expansion Strips and Wound Complications After Ankle Arthroplasty. *Foot & Ankle International*, 43(12), 1540-1547.

Lin JS, Moon DK, Strickland CD. (2022) Geographic Polyostotic Thermal Osteonecrosis of the Foot and Ankle Caused by Fourth-Degree Burn: a Case Report. *SN Comprehensive Clinical Medicine*, 4:136.

- Lahey E, Kumparatana P, Moon DK, Morales J, Anderson SE, Baldini T, Pereira H, Hunt KJ. (2021) Biomechanical Comparison of All-Soft Suture Anchor Single-Row vs Double-Row Bridging Construct for Insertional Achilles Tendinopathy. *Foot & Ankle International*, 42(2), 215-223.
- Smith KS, Drexelius K, Challa S, Moon DK, Metzl JA, Hunt K. (2020) Outcomes Following Ankle Fracture Fixation With or Without Ankle Arthroscopy. *Foot & Ankle Orthopaedics*, 5(1), 1-6.
- Heijboer R, Lubberts B, Guss D, Johnson AH, Moon DK, DiGiovanni CW. (2019) Venous Thromboembolism and Bleeding Adverse Events in Lower Leg, Ankle, and Foot Orthopaedic Surgery with and without Anticoagulants. *The Journal of Bone and Joint Surgery*, 101(6), 539-546.
- Levin PE, Moon DK, Payne DE. (2017) Overlapping and Concurrent Surgery: A Professional and Ethical Analysis. *The Journal of Bone and Joint Surgery*, 99(23), 2045-2050.
- Lubberts B, Guss D, Vopat BG, Wolf JC, Moon DK, DiGiovanni CW. (2017) The effect of ankle distraction on arthroscopic evaluation of syndesmotic instability: A cadaveric study. *Clinical Biomechanics*, (50), 16-20.
- Moon DK, Gurnett, CA, Aferol, H, Siegel MJ, Commean PK, Dobbs MB. (2014) Soft-Tissue Abnormalities Associated with Treatment-Resistant and Treatment-Responsive Clubfoot: Findings of MRI Analysis. *The Journal of Bone and Joint Surgery*, 96(15), 1249-1256.

Non Peer-Reviewed Publications

- Moon DK. (2018) Spring Leadership Retreat: Creating a clear strategy for our Society. *In-Stride AOFAS Newsletter*, Spring 2018.
- Moon DK and Carroll C. (2015) Domestic Medical Tourism- Coming to a Center Near You. *AAOS Now*, June 2015.
- Carroll C. and Moon DK (2015) Ethical Issues in Domestic Medical Tourism. *AAOS Now*, July 2015.

Textbook Chapters

- Moon DK, Lee YK, Jegal H, Lee KB, Lee TH. (2022) Osteonecrosis of the Talus, in Chou L, ed. *Orthopaedic Knowledge Update: Foot & Ankle*, 7. Rosemont, IL. American Academy of Orthopaedic Surgeons. In press
- Moon DK. (2020) Anatomy and Biomechanics of the Lateral Ankle Ligament Complex, in Haddad SL, ed. *Surgical Insights: Ligament Injuries of the Foot and Ankle*. Rosemont, IL. American Academy of Orthopaedic Surgeons.
- Moon DK. (2019) Epidemiology, Cause, and Anatomy of Osteonecrosis of the Foot and Ankle. *Foot and Ankle Clinics*, 24(1), 1-16.
- Dobbs MB, Moon DK. (2016) Pediatric Techniques: Clubfoot Casting and Clubfoot Surgical Correction. In RM Frank, B Forsythe, MT Provencher (Eds.) *Case Competencies in Orthopaedic Surgery*. (pp. 182-186) Philadelphia, PA: Elsevier.
- Moon DK, & Butler CE. (2013) Health Care Systems Operations. *AAOS Business, Policy, and Practice Management in Orthopaedics Lecture Series*. Published on AAOS Advocacy website at: <http://www3.aaos.org/govern/federal/advocacy/OrthopaedicsLectureSeries.cfm>

Posters/Abstracts

- Lendrum J, Hewitt MA, Cain S, Hunt KJ, Moon DK. (2022) *Articular Regional Reconstruction (ARR) for Large Osteochondral Lesions of the Talus using Viable Osteochondral Allograft Combined with Autograft: Technique Description and Case Series*. 2022 AOFAS Annual Meeting; Quebec, Canada.
- Buckley SE, Hamati MC, Hewitt MA, Ackert-Bicknell CL, Zuscik MJ, Metzl JA, Moon DK, Hunt KJ. (2022) *Gene Transcription in End Stage Ankle Osteoarthritis Differs Markedly from Knee Arthritis and Non-Arthritic Ankles*. 2022 AOFAS Annual Meeting; Quebec, Canada.

- Moon D, Hewitt MA, Buckley SE, Albin S, Hunt KJ, OFAR Network. (2022) *Impact of Pre-Operative PROMIS Depression Scores on Total Ankle Replacement Outcomes*. 2022 AOFAS Annual Meeting; Quebec, Canada.
- Hunt KJ, Hewitt M, York S, Buckley SE, Metzl JA, Moon DK, Grimsrud C. (2022) *Orthopaedic Foot and Ankle Post-Operative Outcomes: The University of Colorado Orthopaedic Surgery Monitoring of Outcomes System (U-COSMOS)*. 2022 AOFAS Annual Meeting; Quebec, Canada.
- Ebben BJ, Buckley SE, Hewitt MA, Moon DK, Metzl JA, Hunt KJ. (2022) *Outcomes in Open and Endoscopic Treatment for Haglund's Syndrome and Insertional Achilles Tendinopathy*. 2022 AOFAS Annual Meeting; Quebec, Canada.
- Kalma JJ, Hewitt MA, Buckley SE, Drexelius KD, Moon DK, Metzl JA, Grimsrud C, Hunt KJ. (2022) *Time to Surgery and Technique as Predictors of Complications after Surgical Treatment of Achilles Ruptures: A Retrospective Study*. 2022 AOFAS Annual Meeting; Quebec, Canada.
- Turner W, Moon DK. (2022) *Fractured Achilles Tendon: A Case Report*. 2022 CU Orthopedics Resident and Fellow Research Day.
- Lendrum J, Wallace SB, Hamati MC, Schultz L, Metzl JA, Moon DK, Hunt KJ. (2021) *Noninvasive Skin Expansion Strips to Decrease Wound Issues after Total Ankle Replacement*. 2021 AOFAS Annual Meeting.
- Hunt KJ, Bowers MW, Hamati MC, Bartolomei J, Moon DK, Metzl JA. (2021) *Early Outcomes, Revisions, and Patient Satisfaction Following Synthetic Cartilage Implant for Hallux Rigidus*. 2021 AOFAS Annual Meeting.
- Bartolomei J, Challa S, Hunt KJ, Moon DK. (2020) *Current Practices in the Treatment of Syndesmotic Injuries: A Global Perspective*. 2020 AOFAS at Home Annual Meeting.
- Smith KS, Drexelius KD, Challa SC, Moon DK, Metzl JA, Hunt KJ. (2020) *Patient Outcomes Differences Following Ankle Fracture Fixation with or without Ankle Arthroscopy*. 2020 AOFAS Virtual Specialty Day.
- Shu A, Moon DK, Smith KS, Challa SC, Hunt K. (2020) *Clinical Outcome Differences Between Single and Multi-Stage Transtibial Amputations*. 2020 Western Medical Research Conference.
- Lawson PJ, Kumparatana P, Baldini TH, Challa S, Moon DK, Hunt K. (2019) *Osteochondral Lesions of the Talus – Alterations in Ankle Joint Contact Mechanics with Increasing Size of OLT Shoulder Lesion*. 2019 12th Biennial ISAKOS Congress; Cancun, Mexico.
- Hunt K, Benthien R, Baumhauer J, DiGiovanni C, Challa S, Guss D, Karr S, Latt D, Moon D, and The OFAR Network. (2019) *Tracking Patient Outcomes Following Foot and Ankle Surgery: The OFAR Experience 2018-2019*. 2019 AOFAS Annual Meeting; Chicago, IL.
- Moon DK, Smith K, Shu A, Challa S, Hunt K. (2019) *Clinical Outcome Differences Between Single and Multi-Stage Transtibial Amputations*. 2019 AOFAS Annual Meeting; Chicago, IL.
- Lawson PJ, Kumparatana P, Baldini TH, Challa S, Moon DK, Hunt K. (2019) *Osteochondral Lesions of the Talus: A Biomechanical Explanation for Larger OLT Shoulder Lesions Leading to Increased Patient Risk*. 2019 AOFAS Annual Meeting; Chicago, IL.
- Lawson PJ, Kumparatana P, Baldini TH, Challa S, Moon DK, Hunt K. (2019) *Alterations in Ankle Joint Contact Mechanics with Increasing Size of Osteochondral Lesions on the Medial Edge of the Talar Dome- A Cadaver Study*. 2019 CU Orthopedics Inaugural Research Symposium; Aurora, CO.
- Hunt KJ, Kumparatana P, Moon DK, McCormick J, Amendola N, Phisitkul P. (2018) *Evolving and Innovative Treatments for Isolated Syndesmosis Injuries: Evaluating Current Practices*. 2018 AOFAS Annual Meeting; Boston, MA.
- Hunt KJ, Kumparatana P, Anderson S, Baldini T, Moon D, Morales J. (2018) *All Soft-suture Anchor versus Suture Bridge Construct for Insertional Achilles*. 2018 AOFAS Annual Meeting; Boston, MA.
- Hunt K, Moon D, Morales J, Harlow A. (2018) *Risk Stratification for Ankle Fracture Complications in Diabetic Patients*. 2018 AOFAS Annual Meeting; Boston, MA.

Podium Presentations

Moon, DK. (2022) *Articular Regional Reconstruction for Osteochondral Lesions of the Talus*. 2022 Korean Foot and Ankle Society National Congress. Seoul, South Korea.

Moon, DK. (2022) *Technique for Supine, Percutaneous Repair of Acute Achilles Tendon Ruptures*. 2022 Korean Foot and Ankle Society National Congress. Seoul, South Korea.

Shu AF, Moon DK, Smith KS, Challa S, Hunt K. (2020) *Clinical Outcome Differences Between Single and Multi-stage Transtibial Amputations*. 2020 Western Medical Research Conference; Carmel CA.

Lawson PJ, Kumparatana P, Baldini TH, Challa S, Moon DK, Hunt K. (2019) *A Biomechanical Explanation for Larger OLT Shoulder Lesions Leading to Increased Patient Risk*. 2019 American Orthopaedic Foot and Ankle Society Meeting; Chicago, IL.

Moon DK, Commean PK, Siegel M, Gurnett CA, Dobbs MB. (2014) *Magnetic resonance imaging reveals soft tissue abnormalities associated with treatment resistant clubfoot*. 2014 American Academy of Orthopaedic Surgeons Annual Meeting; New Orleans, LA.

Invited Lectures/Presentations

Moon, DK. (2022) *Total Ankle Replacement with Deformity Correction*. Invited Visiting Professor. Chonnam National University, Gwangju, South Korea.

Moon, DK. (2021) *Foot & Ankle Fracture Principles in Surgical Management*. 2021 American Physical Therapy Association Combined Section Meeting; Virtual Meeting.

Moon, DK. (2018) *Fracture to Arthroplasty: Management Strategies at the Ankle and Hindfoot*. 2018 American Physical Therapy Association Combined Section Meeting; New Orleans, LA.

Easley M, Adams S, Ellis S, Moon D, Hunt K. (2018) 1. *Instructional Course Lecture #124: Fusions and Osteotomies*. 2018 American Academy of Orthopaedic Surgeons Annual Meeting; New Orleans, LA.

Moon DK. (2017) *The Foot & Ankle Exam. Evaluation and Treatment of Syndesmotic Injuries*. 2017 CU Sports Medicine Symposium; Boulder, CO.

Levin PE, Moon DK, Taitsman LA. (2016) *Instructional Course Lecture #163: Accountable Care Organizations: A Discussion of Bioethical Conflicts*. 2016 American Academy of Orthopaedic Surgeons Annual Meeting; Orlando, FL.

Moon, DK. (2016) *Ankle Arthritis: Fuse, Replace, or Preserve?* Invited Speaker. Western Slope Chapter Meeting, Western Orthopaedic Association. Grand Junction, Colorado.

Academic Course & Conference Presentations

AOFAS Fellowships COVID Education Program

- *Value in Healthcare*. (2020)
- *Os Trigonum*. (2020)

Colorado Medical Society and COPIC Residency Curriculum, Life after Residency Lecture Series

- *Physician Autonomy and Practice Models*. (2021, 2022, 2023)

University of Colorado School of Medicine (CU SOM), IDPT-8028, The Business of Medicine, 4th year elective

- *Ethics and the Business of Medicine*. (2019, 2020, 2021, 2022)
- *Healthcare System Overview*. (2019, 2020, 2021, 2022)
- *Hospital Operations*. (2019, 2020, 2021, 2022)
- *Medical Malpractice*. (2021)
- *Practice Management: Billing and Coding*. (2019, 2020, 2021, 2022)

- *Practice Management: Nuts & Bolts.* (2021, 2022)
- *Practice Management: Practice Models.* (2020, 2021)
- *Value in Healthcare.* (2020, 2021, 2022)

CU SOM, Department of Orthopedics, Resident Core Curriculum

- *Principles of Practice: Billing and Coding.* (2020)
- *Principles of Practice: Ethics, Professionalism and Advocacy.* (2020)
- *Principles of Practice: Finding your 'Real' Orthopaedics Job after Training.* (2017, 2019)
- *Principles of Practice: Value in Healthcare – Fad or Future?* (2017)
- *Osseous Stress Injuries in the Foot and Ankle.* (2020)
- *Ethics in Orthopedics: Concurrent Surgery.* (2019)
- *Osteochondral Lesions of the Talus.* (2019)
- *Syndesmotic Injuries in Athletes.* (2019)
- *Achilles Injuries.* (2019)
- *Flatfoot & Cavus.* (2018)
- *Ankle Arthritis.* (2018, 2020)
- *Hallux Valgus.* (2018)
- *The Diabetic Foot* (2017, 2019)
- *Foot & Ankle OITE Review.* (2017-2023)

CU SOM, Foot & Ankle Conference

- *Osteochondral Lesions of the Talus.* (2019, 2020, 2021, 2022)
- *Charcot Arthropathy.* (2016, 2017, 2018, 2019, 2020)
- *Posterior Ankle Impingement.* (2020, 2021, 2022)
- *Diabetic Foot Ulcers.* (2020)
- *NSAIDs in Orthopedics.* (2019)
- *Syndesmotic Injuries in Athletes.* (2018)
- *Achilles Injuries: Tendinopathies and Ruptures.* (2016)
- *Total Ankle Arthroplasty.* (2016)

CU SOM, Physical Therapy for the Foot & Ankle Course: Advanced surgical and non-surgical rehabilitation techniques

- *Ankle Arthrosis.* (2020, 2021)
- *Hallux Valgus and Hallux Rigidus.* (2021)

CU SOM, ORTH-6620, Introduction to Orthopedics, Medical Student Elective

- *Foot & Ankle Orthopaedic Surgery.* (2016, 2018, 2019, 2020)

CU SOM, Department of Emergency Medicine, Resident Conference

- *Weight bearing Ankle Films in the ED.* (2019)

CU SOM, Department of Physical Medicine and Rehabilitation, Resident Curriculum

- *Orthopaedic Foot & Ankle Conditions.* (2017, 2019)

CU SOM, Department of Rheumatology, Fellow Curriculum

- *Foot & Ankle Rheumatologic Conditions.* (2019, 2021, 2023)

Regis University, Physical Therapy Department, Lower Extremity Fellows Course

- *Osteochondral Lesions of the Talus.* (2019, 2021, 2023)
- *Ankle Arthritis.* (2019, 2020)
- *Chronic Ankle Instability.* (2020)

Washington University School of Medicine (WUSM), The Business of Medicine (M80-851)

- *Ethics, Advocacy, and Professionalism*. (2018-2023)
- *Healthcare System Overview*. (2018-2023)
- *Hospital Operations*. (2018, 2020-2022)
- *Medical Malpractice* (2021-2022)
- *Practice Management: Billing and Coding*. (2018-2023)
- *Practice Management: Nuts & Bolts*. (2018-2023)
- *Practice Management: Practice Models*. (2020-2023)
- *Value in Healthcare*. (2018, 2020-2023)

Other Lectures/Presentations/Media

AOFAS Young Physicians Committee Orthoped-cast

- *Things I Wish I Knew Before Starting Practice*. (2021) <https://conveymed.io/things-i-wish-i-knew-before-starting-practice/>

CU SOM, Department of General Surgery, Colorado Humanitarian Surgical Skills Workshop

- *Orthopaedic External Fixation*. (2018, 2019)
- *External Fixation Cadaver Lab Instructor*. (2018, 2019)

CU SOM, Orthopaedics Student Interest Group

- *Fixation Principles Primer- Calcaneus Fracture Cadaver Lab*. (2018)
- *Fixation Principles Primer- Lisfranc Cadaver Lab*. (2017)
- *Fixation Principles Primer- Ankle Fracture Cadaver Lab*. (2016)

Massachusetts Institute of Technology, Department of Mechanical Engineering, Alumni Careers Panel. (2021)

Tactile Traveler Podcast

- *Orthotics, AIRA, and More*. (2021) <https://www.kdnk.org/public-affairs/2021-12-07/the-tactile-traveler-orthotics-aira-and-more>

UCHealth Broomfield Hospital Perioperative Team

- *Concurrent Surgery*. (2017)
- *Foot & Ankle Orthopaedics Overview*. (2017)
- *NSAIDS in Orthopaedics* (2017)

UCHealth Continuing Medical Education Lecturer

- *Foot & Ankle Arthritis and What to Do When It Strikes*. (2019). UCHealth Longs Peak Hospital.
- *Management of Common Hiking and Running Injuries*. (2019). UCHealth Foot & Ankle Center.

AMR Paramedic Refresher Course

- *Orthopedic Trauma Principles*. (2020).
- *Orthopedic Emergencies*. (2020)

Advocacy

Testimony. 3-2-2023. SB23-083. *Physician Assistant Collaboration Requirements*. Colorado State Senate. Health and Human Services Committee. Denver, CO.

AAOS NOLC Hill Visits with Colorado Delegation. 9-13-2022. *Meeting with Offices of US Senator John Hickenlooper, US Senator Michael Bennett, US Congressman Joe Neguse, US Congressman Doug Lamborn, and US Congresswoman Diana DeGette*. Washington, D.C.

AAOS Representative to Democratic Governors Association Meeting. 10-7-2021. *Meeting with Governor Jared Polis (CO), Conversations with Governor Tim Walz (MN), Governor Laura Kelly (KS), Governor Janet Mills (ME), and Governor Kate Brown (OR)*. Santa Fe, NM.

Testimony. 5-17-2021. *HB21-1232. Standardized Health Benefit Plan Colorado Option*. Colorado State Senate. Health and Human Services Committee. Denver, CO.

CMS Physician Focus Group Meeting with State Senators Rhonda Fields and Joann Ginal. *HB21-1232. Standardized Health Benefit Plan Colorado Option*. Denver, CO.

Testimony. 4-26-2021. *SB21-147 Sunset Continuing Licensing of Athletic Trainers*. Colorado State House. Finance Committee. Denver, CO.

Testimony. 4-13-2021. *SB21-147 Sunset Continuing Licensing of Athletic Trainers*. Colorado State House. Public and Behavioral Health & Human Services Committee. Denver, CO.

Testimony. 3-22-2021. *SB21-147 Sunset Continuing Licensing of Athletic Trainers*. Colorado State Senate. Health and Human Services Committee. Denver, CO.

AAOS NOLC Hill Visits with Colorado Delegation. 6-6-2019. *Meeting with Offices of US Senator Cory Gardner, US Congressman Scott Tipton, US Congressman Joe Neguse, US Congressman Jason Crow, US Congressman Ken Buck*. Washington, D.C.

Testimony. 4-22-2019. *SB19-153 Sunset Podiatry Board*. Colorado State House. Health & Insurance Committee. Denver, CO.

Testimony. 3-20-2019. *SB19-153 Sunset Podiatry Board*. Colorado State Senate. Health and Human Services Committee. Denver, CO.

Stakeholder Meeting. 3-5-2019. *SB19-153 Sunset Podiatry Board*. State Senator & Podiatry Representatives. Denver, CO.

Testimony. 2-14-2019. *SB19-153 Sunset Podiatry Board*. Colorado State Senate. Health and Human Services Committee. Denver, CO.

AAOS NOLC Hill Visits with Colorado Delegation. 6-7-2018. *Meeting with US Congressman Ed Perlmutter, US Congressman Mike Coffman, and Offices of US Congressman Ed Perlmutter, US Congressman Doug Lamborn, US Congresswoman Diana DeGette, and US Congressman Jared Polis*. Washington D.C.

AAOS Representative to Democratic Governors Association Meeting. 4-10-2018. *Meeting with US House Representative Jared Polis. Conversations with Governor John Hickenlooper (CO), Governor Jon Bel Edwards (LA), and Governor Steve Bullock (MT)*. Aspen, CO.

AAOS NOLC Hill Visits with Colorado Delegation. 4-27-2017. *Meeting with US Congressman Mike Coffman (CO), Offices of US Senator Cory Gardner and of US Congressman Scott Tipton*. Washington D.C.

AAOS NOLC Hill Visits with Colorado Delegation. 4-30-2016. *Meeting with multiple US Congressional Offices*. Washington D.C.

AAOS Council on Advocacy Hill Visits. 9-11-2015. *Meetings with US Congressman Tom Price (GA) and US Senator Bill Cassidy (LA)*. Washington, D.C.

AAOS NOLC Hill Visits with Missouri Delegation. 4-30-2015. *Meeting with US Senator Claire McCaskill*. Washington D.C.

AAOS NOLC Hill Visits with Delaware Delegation. 4-30-2015. *Meeting with US Congressman John Carney, Office of Senator Tom Carper, and Deputy Director of Domestic and Economic Policy for Vice President Joe Biden*. Washington D.C.

Journal Editorial

Reviewer. Foot and Ankle International (2018-present)

Meetings and Courses

AAOS Annual Meeting. 2014-2019, 2021-2023

National Orthopaedic Leadership Conference. 2015-2019, 2021-2022

AOFAS Annual Meeting. 2013-2014, 2016-2018: 2013 Resident Scholarship recipient.

AO North America: Advanced Principles of Fracture Management Course. 2015.

AO Trauma: Foot and Ankle Course. 2013.

Orthopaedic Trauma Association: Comprehensive Fracture Course for Residents. 2012.

AO North America: Basic Principles and Techniques of Operative Fracture Management Course. 2012.

Professional Affiliations

American Orthopaedic Foot and Ankle Society, Member.

American Academy of Orthopedic Surgeons, Fellow.

American Medical Association, Member.

Colorado Medical Society.

Boulder County Medical Society.

Colorado Orthopaedic Society.

Languages

Basic proficiency in Spanish and Korean.