CURRICULUM VITAE

Clayton C. Bettin, MD

Campbell Clinic, University of Tennessee Health Science Center Department of Orthopaedic Surgery
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Memphis, TN 38117
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EDUCATION

M.D. **8/1/2006-6/3/2010**
The Ohio State University College of Medicine and Public Health, Columbus, Ohio
Magna cum laude

B.S. Biological Engineering, Minor. Biomedical Engineering **9/1/2001-6/30/2006**
The Ohio State University, Columbus, Ohio.
Thesis: "Applicability and Feasibility of Incorporating Microbial Fuel Cell Technology into Implantable Biomedical Devices"
Summa cum laude, with distinction

POSTGRADUATE TRAINING

Fellowship: Orthopaedic Foot & Ankle Surgery **8/1/2015-7/31/2016**
University of Utah, Department of Orthopaedic Surgery
Salt Lake City, Utah
Department of Orthopaedic Surgery

Residency: The University of Tennessee Health Science Center **7/1/2011-6/30/2015**
Campbell Clinic, Memphis, TN
Department of Orthopaedic Surgery

Internship: The University of Tennessee Health Science Center **7/1/2010-6/30/2011**
Campbell Clinic, Memphis, TN
Department of Orthopaedic Surgery

EMPLOYMENT

Campbell Clinic, University of Tennessee Health Science Center	**8/1/2016 - Present**
Clinical Instructor	3/1/2018 – 6/29/2020
Assistant Professor	7/1/2020 – 12/31-2023
Associate Professor	1/1/2024 - Present
Board of Directors	5/2020 – 5/2022
Board of Directors – Re-elected	5/2022 – 5/2024
Foot & Ankle Fellowship Program Director	8/2016 – 7/2024
Associate Residency Program Director	7/2019 – 7/2025
Residency Program Director	7/2025 – Present

LICENSURE

State of Tennessee, Medical License # 54304	**2016**
State of Mississippi, Medical License # 24518	**2016**

State of Utah, Physician and Surgeon License #9151241-1205 **2014**
State of Ohio, Medical License #35.120698 **2013**

PROFESSIONAL MEMBERSHIP

American Orthopaedic Foot and Ankle Society – *Health Policy Committee, Research Committee, Fellowship Committee*
American Academy of Orthopaedic Surgeons - Fellow – *Annual Meeting Committee Technology Project Team*
Mid-America Orthopaedic Association
Tennessee Orthopaedic Society

HONORS

Visiting Professor Guest Lecturer – Ogden Clinic, July 2025
International Guest Lecturer – Bigfoot Australia Meeting, Sydney, Australia 2025
International Guest Lecturer – Australia Orthopaedic Foot & Ankle Society, Perth, Australia 2024
International Guest Lecturer – Steps2Walk Humanitarian Service Mission Beijing, China 2024
Board of Directors – Campbell Clinic, 5/2020 – 5/2024
2025 Castle Connolly Memphis Top Doctors Award (top 7% of physicians by peer vote)
2024 Castle Connolly Memphis Top Doctors Award (top 7% of physicians by peer vote)
2023 Castle Connolly Memphis Top Doctors Award (top 7% of physicians by peer vote)
2022 Castle Connolly Memphis Top Doctors Award (top 7% of physicians by peer vote)
2021 Castle Connolly Memphis Top Doctors Award (top 7% of physicians by peer vote)
Section Editor – Orthopaedic Clinics of North America 8/2016 to 8/2024
Reviewer – Foot & Ankle International
American Orthopaedic Foot and Ankle Society 2013 Resident Scholar
Program Director's Award 2010, 2011, 2012 (top 20th percentile nationally on OITE)
Tennessee Orthopaedic Society Resident Research Award Recipient 2013
Southern Medical Association Research Award Recipient 2013
Mid-America Orthopaedic Association Multipurpose Resident Grant Recipient 2012-2013
Alpha Omega Alpha
Lifeline of Ohio / Ohio State College of Medicine Fellowship 2008, 2009, 2010
Ohio State College of Medicine Outstanding Academic Merit Scholarship 2008, 2009, 2010
College of Engineering Undergraduate Research Scholar 2005-2006
Sigma Xi Research Award 2006
Ohio State University Scholar 2001-2005
Top Scholar for Food, Agricultural, and Environmental Sciences 2003, 2004, 2005
Mortar Board National Honor Society

GRANT FUNDING

Synthes Directed Grant – May 2019 - $33,444 product grant for "A Biomechanical Investigation Regarding Shape Memory Staples"

PODIUM PRESENTATIONS

1. **Bettin, CC.** (July 2025) Taking it to the next level: Provider onboarding training in evaluation and management coding. Visiting Professor Lecture – Ogden Clinic. South Ogden, UT
2. **Bettin, CC.** (July 2025) State of the Residency. Campbell Clinic Residency Didactics. Memphis, TN
3. **Bettin, CC.** (May 2025) Modern principles in Midfoot Charcot Reconstruction. Hospital for Special Surgery Foot & Ankle Academic Conference. Manhattan, NY
4. **Bettin, CC.** (May 2025) Diabetic Foot. Campbell Clinic Residency Didactics. Memphis, TN
5. **Bettin, CC.** (May 2025) Charcot Arthropathy. Campbell Clinic Residency Didactics. Memphis, TN
6. **Bettin CC.** (April 2025) – Midfoot beam-plate constructs for Charcot neuroarthopathy: A cohort study with midterm follow-up. Mid-America Orthopaedic Society. San Antonio, Texas.
7. Rogero RG**, Bettin CC.** (April 2025) – Coding patterns and implications on reimbursement in foot and ankle surgery. Mid-America Orthopaedic Society. San Antonio, Texas.
8. **Bettin CC.** (March 2025) – Charcot – Everything & the kitchen sink. Bigfoot International Meeting. Sydney, Australia.
9. **Bettin CC.** (March 2025) – Charcot – Expert Panel – Can we do better?. Bigfoot International Meeting. Sydney, Australia.
10. **Bettin, CC.** (February 2025) Foot and Ankle Arthritis. Campbell Clinic Residency Didactics. Memphis, TN
11. **Bettin, CC.** (February 2025) Foot and Ankle Arthritis Case Discussion Small Group Session. Campbell Clinic Residency Didactics. Memphis, TN
12. **Bettin, CC.** (February 2025) Foot and Ankle Morbidity and Mortality. Campbell Clinic Residency Didactics. Memphis, TN
13. **Bettin, CC.** (August 2024). Best practice in Charcot midfoot reconstruction. Australian Orthopaedic Foot & Ankle Society Annual Meeting. Perth, Australia
14. **Bettin, CC.** (August 2024). Approach to the Charcot ankle and hindfoot. Australian Orthopaedic Foot & Ankle Society Annual Meeting. Perth, Australia
15. **Bettin, CC.** (August 2024). The posterior malleolar fracture; why and when should I approach this posterolaterally or posteromedially. Australian Orthopaedic Foot & Ankle Society Annual Meeting. Perth, Australia
16. **Bettin, CC.** (August 2024). Complex ankle arthrodesis, primary fusion for trauma and revisions. Australian Orthopaedic Foot & Ankle Society Annual Meeting. Perth, Australia
17. **Bettin, CC.** (August 2024). The Mismanaged Ankle Fracture: The Good, the Bard, and the Ugly. Australian Orthopaedic Foot & Ankle Society Annual Meeting. Perth, Australia
18. **Bettin, CC.** (August 2024). Fixing ankles and making crooked feet straight. Paragon 28 Dinner Conference. Perth, Australia
19. **Bettin, CC.** (August 2024). Artificial Intelligence and the future management of Charcot. Australian Orthopaedic Foot & Ankle Society Annual Meeting. Perth, Australia
20. **Bettin, CC.** (July 2024) History and Physical with Inpatient and Outpatient Orthopaedic Coding. Campbell Clinic Monday Night Meeting. Memphis, TN
21. **Bettin, CC.** (July 2024). Best practice in Charcot midfoot reconstruction. Steps2Walk Scientific Program. Beijing, China

22. **Bettin, CC.** (July 2024). Approach to the Charcot ankle and hindfoot. Steps2Walk Scientific Program. Beijing, China
23. **Bettin, CC.** (July 2024). Pilon fractures: Love them or hate them, they are here to stay. Steps2Walk Scientific Program. Beijing, China
24. **Bettin, CC.** (July 2024). Calcaneal and talus fractures: My pearls for decent outcomes. Steps2Walk Scientific Program. Beijing, China
25. **Bettin, CC.** (July 2024). Tibiotalocalcaneal arthrodesis: Intramedullary fixation options. Steps2Walk Scientific Program. Beijing, China
26. **Bettin, CC.** (July 2024). My approach to the failed ankle fusion: Revise, TTC, or graft. Steps2Walk Scientific Program. Beijing, China
27. **Bettin, CC.** (May 2024) The posterior malleolar fracture; why and when should I approach this posterolaterally or posteromedially? Paragon28 Advanced Techniques and Innovations International Course. Denver, CO
28. **Bettin, CC.** (May 2024) Pilon fractures; love them or hate them, they are here to stay. Paragon28 Advanced Techniques and Innovations International Course. Denver, CO
29. **Bettin, CC.** (May 2024) Calcaneal and talus fractures; my pearls for decent outcomes. Paragon28 Advanced Techniques and Innovations International Course. Denver, CO
30. **Bettin, CC.** (May 2024) Tibiotalocalcaneal arthrodesis: intramedullary fixation options. Paragon28 Advanced Techniques and Innovations International Course. Denver, CO
31. **Bettin, CC.** (May 2024) Best practices in Charcot midfoot reconstruction. Paragon28 Advanced Techniques and Innovations International Course. Denver, CO
32. **Bettin, CC.** (May 2024) External fixation in Charcot corrections. Paragon28 Advanced Techniques and Innovations International Course. Denver, CO
33. **Bettin, CC** (October 2023) How to manage the Charcot hindfoot and ankle. Paragon 7th Annual Orthopaedic Fellows Course. Denver, CO
34. **Bettin, CC** (October 2023) Clinical applications of V92 FC+. Paragon 7th Annual Orthopaedic Fellows Course. Denver, CO
35. **Bettin, CC** (October 2023) Managing the syndesmosis. How to stay out of trouble. Paragon 7th Annual Orthopaedic Fellows Course. Denver, CO
36. **Bettin, CC** (October 2023) The Charcot midfoot. Paragon 7th Annual Orthopaedic Fellows Course. Denver, CO
37. **Bettin, CC.** (July 2023) History and Physical with Inpatient and Outpatient Orthopaedic Coding. Campbell Clinic Monday Night Meeting. Memphis, TN
38. **Bettin, CC**. (June 2023) Neuropathic midfoot trauma. 24 hour Global Foot & Ankle Course. Memphis, TN
39. **Bettin, CC.** (May 2023) My approach to the failed ankle fusion. Revise, TTC, or graft? Paragon28 Advanced Techniques and Innovations International Course. Denver, CO
40. **Bettin, CC.** (May 2023) Techniques and tips for successful plating of tibiotalocalcaneal arthrodesis. Paragon Advanced Techniques and Innovations International Course. Denver, CO
41. **Bettin, CC.** (May 2023) An overview of the challenging ankle fracture. Paragon28 Advanced Techniques and Innovations International Course. Denver, CO
42. **Bettin, CC.** (May 2023) How do you fix this one? Challenging fracture case panel. Paragon28 Advanced Techniques and Innovations International Course. Denver, CO

43. **Bettin, CC.** (November 2022) Fixation Debate: Plates vs Screws. Paragon28 Advanced Techniques and Innovations International Course. Denver, CO
44. **Bettin, CC.** (November 2022) Primary Arthrodesis for Fractures of the Ankle. Paragon28 Advanced Techniques and Innovations International Course. Denver, CO
45. **Bettin, CC.** (November 2022) Technique Tips for Successful Tibiotalocalcaneal Plating. Paragon28 Advanced Techniques and Innovations International Course. Denver, CO
46. **Bettin, CC.** (November 2022) Hybrid Fixation with Hindfoot Nail Plate Constructs. Paragon28 Advanced Techniques and Innovations International Course. Denver, CO
47. **Bettin, CC.** (November 2022) The Mismanaged Ankle Fracture: The Good, the Bard, and the Ugly. Paragon28 Advanced Techniques and Innovations International Course. Denver, CO
48. **Bettin, CC.** (November 2022) Pilon Fractures: Fuse it. Paragon28 Advanced Techniques and Innovations International Course. Denver, CO
49. **Bettin, CC.** (November 2022) Charcot: The Midfoot is Destroyed, is it Salvageable? Paragon28 Advanced Techniques and Innovations International Course. Denver, CO
50. **Bettin, CC.** (July 2022) History and Physical with Inpatient Orthopaedic Coding. Campbell Clinic Monday Night Meeting. Memphis, TN
51. **Bettin, CC.** (July 2022) Office Based Orthopaedic Coding. Campbell Clinic Monday Night Meeting. Memphis, TN
52. **Bettin, CC.** (March 2022) Outpatient Orthopaedic Coding. Campbell Clinic Monday Night Meeting. Memphis, TN
53. Alexander N, Sarfani S, **Bettin CC** (December 2021). Cost analysis and utilization of weight bearing CT. Orthopaedic Summit: Evolving Technologies. Las Vegas, NV
54. **Bettin CC** (September 2021) – Charcot Hindfoot – Nail it, Frame it, or Both? American Orthopaedic Foot and Ankle Society Annual Meeting. Charlotte, NC
55. Sarfani S, Frederick R, **Bettin CC**, Grear BJ, Richardson DR, Murphy GA. (September 2021) – Comparing rates of fusion and time to fusion in a viable cellular allograft vs autograft. American Orthopaedic Foot and Ankle Society Annual Meeting. Charlotte, NC
56. Strickland CD, Cline J, **Bettin CC**, Grear BJ, Richardson DR, Murphy GA. (September 2021) - Weil shifting for angular corrections with or without ligament release and repair. American Orthopaedic Foot and Ankle Society Annual Meeting. Charlotte, NC
57. Sarfani S, Frederick R, **Bettin CC**, Grear BJ, Richardson DR, Murphy GA. (August 2021) – Comparing rates of fusion and time to fusion in a viable cellular allograft vs autograft. American Academy of Orthopaedic Surgeons Annual Meeting. San Diego, CA.
58. Stevens, T, **Bettin CC.** (October 2021) – Predictive variables for patient compliance with physician prescribed orthotics. Mid-America Orthopaedic Society. Amelia Island, Florida.
59. **Bettin CC.** (September 2021) – Charcot arthropathy: nail it, plate it, frame it, or all? American Orthopaedic Foot & Ankle Society Annual Meeting. Charlotte, NC.
60. **Bettin, CC.** (August 2021) Arthritis of the Foot & Ankle. Campbell Clinic Monday Night Meeting. Memphis, TN
61. **Bettin, CC.** (July 2021) Inpatient Coding and History & Physical. Campbell Clinic Monday Night Meeting. Memphis, TN
62. **Bettin, CC.** (July 2021) Billing and Coding in Orthopaedic Surgery. Campbell Clinic Monday Night Meeting. Memphis, TN

63. **Bettin, CC.** (December 2020) Billing and Coding in Orthopaedic Surgery 2021 Changes – Provider Training Session. Memphis, TN
64. **Bettin, CC.** (December 2020) Billing and Coding in Orthopaedic Surgery 2021 Changes– Provider Training Session. Memphis, TN
65. **Bettin, CC.** (October 2020) Surgical Approaches. Campbell Clinic Monday Night Meeting. Memphis, TN
66. **Bettin, CC.** (June 2020) Billing and Coding in Orthopaedic Surgery. Campbell Clinic Monday Night Meeting. Memphis, TN
67. Stevens, T, **Bettin CC.** (April 2020) – Predictive variables for patient compliance with physician prescribed orthotics. Mid-America Orthopaedic Society. Bonita Springs, Florida. – COVID
68. **Bettin, CC.** (June 2020) Billing and Coding in Orthopaedic Surgery – Foot & Ankle Tips and Tricks. Foot & Ankle Group Didactic Session. Memphis, TN
69. **Bettin, CC.** (May 2020) Billing and Coding in Orthopaedic Surgery – Part 2. Foot & Ankle Group Didactic Session. Memphis, TN
70. **Bettin, CC.** (April 2020) Billing and Coding in Orthopaedic Surgery – Part 1. Foot & Ankle Group Didactic Session. Memphis, TN
71. **Bettin, CC.** (April 2020) Arthritis of the Foot & Ankle. Campbell Clinic Monday Night Meeting. Memphis, TN
72. **Bettin, CC.** (April 2020) Neurogenic Disorders. Campbell Clinic Monday Night Meeting. Memphis, TN
73. **Bettin, CC.** (October 2019) Lower extremity surgical approaches. Campbell Clinic Monday Night Meeting. Memphis, TN
74. Stevens, T, **Bettin CC.** (September 2019) – Predictive variables for patient compliance with physician prescribed orthotics. Clinical Orthopaedic Society. Atlanta, Georgia
75. Yeoh JC, Ruta DJ, Murphy GA, Richardson DR, Ishikawa SN, Grear BJ, **Bettin CC**, Smith RA. (June 2018) Post-operative use of the wheeled knee walker after foot and ankle surgery. Canadian Orthopaedic Association. Victoria, British Columbia
76. **Bettin CC**. (April 2018) – Medical and Surgical Management of Common Foot and Ankle Injuries. Univeristy of Tennessee Health Science Center. Memphis TN
77. Yeoh, JC, Murphy GA, Richardson DR, Grear BJ, Ishikawa SN, **Bettin CC**. (March 2018) Intermediate-term Outcomes of Intramedullary Total Ankle Arthroplasty. American Academy of Orthopaedic Surgeons Annual Meeting. New Orleans, LA.
78. **Bettin, CC.** (April 2017) Neurogenic Disorders. Campbell Clinic Monday Night Meeting. Memphis, TN
79. **Bettin, CC.** (March 2015) Distal femur replacement for acute distal femur fractures in elderly patients. American Academy of Orthopaedic Surgeons Annual Meeting. Las Vegas, NV
80. **Bettin, CC**. (September 2014) Cigarette smoking increases complication rate in forefoot surgery. Presented at the 2014 International Federation of Foot & Ankle Societies / American Orthopaedic Foot & Ankle Society Annual Meeting
81. **Bettin, CC.** (April 2014) Cigarette smoking increases complication rate in forefoot surgery. Presented at the 32nd Annual Mid-America Orthopaedic Association. San Antonio, TX.

82. **Bettin, CC**. (March 2014) Cigarette smoking increases complication rate in forefoot surgery. Presented at the 2014 American Academy of Orthopaedic Surgeons Annual Meeting. New Orleans, LA
83. **Bettin, CC**. (November 2013) Statin-associated tendinopathy: Report of two cases and review of the literature. Presented at the Southern Medical Association Annual Scientific Assembly. Destin, FL.
84. **Bettin, CC**. (September 2013) The effect of cigarette smoking on forefoot procedures. Presented at the Clinical Orthopaedic Society 101st Annual Meeting. Buffalo, NY.
85. **Bettin, CC**. (September 2013) A novel technique for partial transphyseal anterior cruciate ligament reconstruction in the skeletally immature: surgical technique and review of outcomes. Presented at the Clinical Orthopaedic Society 101st Annual Meeting. Buffalo, NY.
86. **Bettin, CC**. (September 2013) The effect of cigarette smoking on forefoot procedures. Presented at the Tennessee Orthopaedic Society 62nd Annual Conference. Birmingham, AL.
87. **Bettin, CC**. (September 2013) A novel technique for partial transphyseal anterior cruciate ligament reconstruction in the skeletally immature: surgical technique and review of outcomes. Presented at the Tennessee Orthopaedic Society 62nd Annual Conference. Birmingham, AL.
88. **Bettin, CC**. (July 2013) Hallux rigidus. Presented at the American Orthopaedic Foot & Ankle Society Speaker School, Hollywood, FL.
89. **Bettin, CC**. (June 2013) Cigarette smoking increases complication rate in forefoot surgery. Presented at the Campbell Clinic Research Symposium. Memphis, TN.

POSTER PRESENTATIONS

1. Rogero R, **Bettin CC** (2024). Coding Patterns and Implications on Reimbursement in Foot & Ankle Surgery. American Orthopaedic Foot and Ankle Society Annual Meeting. Vancouver, Canada.
2. Rogero R, **Bettin CC** (2024). Midfoot Beam-Plate Constructs for Charcot Neuroarthropathy: A Cohort Study with Midterm Follow-Up. American Orthopaedic Foot and Ankle Society Annual Meeting. Vancouver, Canada.
3. Koolmees D, **Bettin CC** (2024). Coding Project. American Academy of Orthopaedic Surgeons Annual Meeting. San Francisco, California.
4. Boyer BJ, Smith C, **Bettin CC** (2023). Nail plate constructs: a novel technique for treatment of unstable Charcot ankle and hindfoot deformity. American Orthopaedic Foot and Ankle Society Annual Meeting. Lexington, Kentucky.
5. Boyer BJ, Smith C, **Bettin CC** (2022). Nail plate constructs: a novel technique for treatment of unstable Charcot ankle and hindfoot deformity. American Orthopaedic Foot and Ankle Society Annual Meeting. Big Sky, Montana
6. Skinner WC, Smith C, **Bettin CC** (2022). Video Showcase – Nail plate constructs for tibiotalocalcaneal arthrodesis. OTA Annual Meeting.
7. Skinner WC, **Bettin CC** (2022). Audio Paper – Midfoot nail-plate constructs for Charcot neuroarthropathy: A cohort study with midterm follow-up. American Orthopaedic Foot and Ankle Society Annual Meeting. Quebec City, Canada
8. Lindsey B, **Bettin CC** (2021). Video Showcase – Posterior Interposition Subtalar Arthrodesis. OTA Annual Meeting.
9. Alexander N, Sarfani S, **Bettin CC** (September 2021). Cost analysis and utilization of weight bearing CT. American Orthopaedic Foot and Ankle Society Annual Meeting. Charlotte, NC.

10. Lindsey B, Sarfani S, **Bettin CC** (September 2021). A systematic review of third-generation total talus replacements. American Orthopaedic Foot and Ankle Society Annual Meeting. Charlotte, NC.
11. Pattisapu N, Sims M, Friedman E, **Bettin CC** (September 2021). Paragon Phantom28 TTC Nail Failure. American Orthopaedic Foot and Ankle Society Annual Meeting. Charlotte, NC.
12. Pattisapu N, Yeoh J, Grear BJ, Murphy GA, Richardson DR, **Bettin CC** (September 2021). Operative vs non-operatie management of Charcot neuropathy of the foot and ankle: a retrospective study. American Orthopaedic Foot and Ankle Society Annual Meeting. Charlotte, NC.
13. Stevens T, **Bettin CC** (September 2021). Predictive variables for patient compliance with physician prescribed orthotics. American Orthopaedic Foot and Ankle Society Annual Meeting. Charlotte, NC.
14. Lindsey B, Sarfani S, **Bettin CC** (September 2021) A Systematic review of third generation total talus replacements. American Orthopaedic Foot and Ankle Society Annual Meeting. Charlotte, NC.
15. Alexander N, Sarfani S, **Bettin CC** (September 2021) Cost analysis and utilization of weight bearing CT. American Orthopaedic Foot and Ankle Society Annual Meeting. Charlotte, NC
16. Strickland CD, **Bettin CC**, Grear BJ, Richardson DR, Murphy GA (September 2021). The influence of metatarsus adductus angle on fifth metatarsal jones fracture. American Orthopaedic Foot and Ankle Society Annual Meeting. Charlotte, NC
17. Friedmann E, **Bettin CC**, Grear BJ, Richardson DR, Murphy GA (August 2021). A case study on weight bearing versus non-weight bearing computed tomography for the assessment of hindfoot fusion. American Academy of Orthopaedic Surgeons Annual Meeting. San Diego, CA
18. Stevens T, **Bettin CC** (September 2020). Predictive variables for patient compliance with physician prescribed orthotics. American Orthopaedic Foot and Ankle Society Annual Meeting. San Antonio, TX.
19. Yeoh J, **Bettin CC**, Murphy GA, Ishikawa SN, Grear BJ, Richardson DR (March 2019). Knee-walker associated falls after foot or ankle surgery. American Academy of Orthopaedic Surgery. Las Vegas, NV
20. Yeoh, JC, Murphy GA, Richardson DR, Grear BJ, Ishikawa SN, **Bettin CC**. (June 2018) Intermediate-term Outcomes of Intramedullary Total Ankle Arthroplasty. Canadian Orthopaedic Association Annual Meeting. Victoria, British Columbia.
21. Yeoh JC, Ruta DJ, Murphy GA, Richardson DR, Ishikawa SN, Grear BJ, **Bettin CC**, Smith RA. (March 2018) Post-operative use of the wheeled knee walker after foot and ankle surgery. American Academy of Orthopaedic Surgeons Annual Meeting, New Orleans, LA
22. **Bettin, CC**. (January 2018) Cyclops lesion after ACL reconstruction: bone-tendon-bone autograft compared to hamstring autograft. Poster presentation at Orthopedics Today Hawaii 2018. Kauai, HI
23. Yeoh JC, Ruta DJ, Murphy GA, Richardson DR, Ishikawa SN, Grear BJ, **Bettin CC**, Smith RA. (July 2017) Post-operative use of the wheeled knee walker after foot and ankle surgery. American Orthopaedic Foot and Ankle Society 2017 Annual Meeting. Seattle, Washington

24. **Bettin, CC**. (January 2017) Cost Comparison of Operatively Treated Ankle Fractures Managed in an Inpatient versus Outpatient Setting. Poster presentation at Orthopedics Today Hawaii 2017. Maui, HI
25. **Bettin, CC**. (July, 2016) Cost analysis of operatively treated ankle fractures using Value Driven Outcomes assessment tool. American Orthopaedic Foot and Ankle Society 2016 Annual Meeting. Toronto, Ontario, Canada
26. Stewart MG, **Bettin CC**. (March 2016) The effect of obesity on forefoot surgery. Poster presentation at the 2016 American Academy of Orthopaedic Surgery Annual Meeting. Orlando, FL.
27. Mihalko WM, **Bettin CC**. (April 2015) Biomarkers of failed total knee arthroplasty. International Congress for Joint Reconstruction. France
28. **Bettin, CC**. (April 2014) Discovery of delayed hypersensitivity mediators in total knee arthroplasty. Poster presentation at the 32nd Annual Mid-America Orthopaedic Association. San Antonio, TX.
29. **Bettin, CC**. (January 2014) The effect of cigarette smoking on forefoot procedures. Poster presentation at Orthopedics Today Hawaii 2014. Maui, HI
30. **Bettin, CC**. (January 2014) A novel technique for partial transphyseal anterior cruciate ligament reconstruction in the skeletally immature: surgical technique and review of outcomes. Poster presentation at Orthopedics Today Hawaii 2014. Maui, HI

BOOK CHAPTERS

1. Davidson A, **Bettin CC**. Heel Pain. In Lee S, Hsu A (Eds), Synopsis of Foot and Ankle Surgery. Thieme Publishers, 2025
2. **Bettin CC.** Diabetic and Charcot Foot. In Azar FM, Beaty JH (Eds), Campbell's Operative Orthopaedics. Elsevier, 15th edition, 2024
3. **Bettin CC.** Ankle Arthrodesis. In Azar FM, Beaty JH (Eds), Campbell's Operative Orthopaedics. Elsevier, 15th edition, 2024
4. **Bettin CC.** Foot and Ankle Trauma. In Azar FM, Beaty JH (Eds), Campbell's Operative Orthopaedics. Elsevier, 15th edition, 2024
5. Boyer B, Cancian J, **Bettin CC**. Tibiotalocalcaneal Arthrodesis. In Ellis S (Ed), Master Techniques in Orthopaedic Surgery: The Foot and Ankle, 4th edition, 2022
6. **Bettin CC.** Diabetic and Charcot Foot. In Azar FM, Beaty JH (Eds), Campbell's Operative Orthopaedics. Elsevier, 14th edition, 2020
7. **Bettin CC.** Ankle Arthrodesis. In Azar FM, Beaty JH (Eds), Campbell's Operative Orthopaedics. Elsevier, 14th edition, 2020
8. **Bettin CC.** Foot and Ankle Trauma. In Azar FM, Beaty JH (Eds), Campbell's Operative Orthopaedics. Elsevier, 14th edition, 2020
9. **Bettin CC**, Nickisch FN, Perez EA. Lisfranc Fracture/Dislocation Treated with Primary Fusion. In Tejwani N (Eds), Fractures of the Foot and Ankle. Springer Reference, 2016
10. **Bettin CC.** Diabetic and Charcot Foot. In Canale ST, Beaty JH (Eds), Campbell's Operative Orthopaedics. Elsevier, 13th edition, 2016

11. **Bettin CC**, Spence DD. Congenital disorders of the foot. Orthopaedic Knowledge Update: Pediatrics 5th Edition, 2016
12. **Bettin CC,** Richardson DR, Donley B. Ligamentous injuries of the ankle: sprained ankle. In Doral MN, Karlsson J, (Eds), Sports Injuries: Prevention, Diagnosis, Treatment and Rehabilitation. Springer Reference, 2nd edition, 2013

PEER-REVIEWED PUBLICATIONS

1. Rogero RG, Rider CM, Grear BJ, Richardson DR, Murphy GA, **Bettin, CC.** Coding Patterns and Implications for Reimbursement in Foot-and-Ankle Surgery. Cureus. April 9, 2025. 17(4): e81955. doi:10.7759/cureus.81955
2. Rogero RG, McGregor PC, Skinner WC, Rider CM, Grear BJ, Richardson DR, Murphy GA, **Bettin CC**. Midfoot beam-plate constructs for Charcot neuroarthropathy: A Cohort study with midterm follow-up. J Foot Ankle Surg. 2025 Feb 25:S1067-2516(25)00050-X. doi: 10.1053/j.jfas.2025.02.006. Epub ahead of print. PMID: 40015664.
3. Pattisapu N, Skinner WC, Rogero RG, Yeoh J, Grear BJ, Richardson DR, Murphy GA, **Bettin CC**. Operative management of Charcot neuropathy of the foot and ankle: A retrospective cohort study of long-term outcomes. J Foot Ankle Surg. 2024 Sep 25:S1067-2516(24)00240-0. doi: 10.1053/j.jfas.2024.09.012. Epub ahead of print. PMID: 39332758
4. Koolmees DS, Azar FM, **Bettin, CC**. Orthopaedic Provider Coding Trends after 2021 Changes to the Current Procedural Terminology Evaluation and Management Coding Guidelines: A Retrospective Cohort Study. JAAOS Global Research & Review. 2024 Oct;8(10).
5. Koolmees DS, Kadrie A, **Bettin CC**, Kelly DM, Sheffer BW. Original Research: Pediatric Orthopaedic Surgeon Coding Trends after Changes to the Current Procedural Terminology Evaluation and Management Coding Guidelines in 2021. Journal of the Pediatric Orthopaedic Society of North America. July 2024.
6. Skinner WC, Pattisapu N, Yeoh J, Grear BJ, Richardson DR, Murphy GA, **Bettin CC**. Surgical Outcomes in Charcot Arthropathy. Orthop Clin North Am. 2024 Jul;55(3):393-401.
7. Rogero RG, Swamy S, **Bettin CC.** The Differentiation Between Infection and Acute Charcot. Orthop Clin North Am. 2024 Apr;55(2):299-309. doi: 10.1016/j.ocl.2023.08.002. Epub 2023 Sep 7. PMID: 38403375.
8. Wideman M, **Bettin CC**. Ethical Considerations in Selection of Procedure Location: Hospital Versus Surgery Center. Orthopaedic Clinics of North America. 2024
9. Smith CJ, Skinner WC, Bettin CC. Tibiotalocalcaneal arthrodesis using hybrid plate-nail constructs: a novel technique for treatment of unstable ankle and hindfoot deformities. Journal of Orthopaedic Trauma. 2023 August
10. Harrison H, Murphy G, Richardson D, Grear B, **Bettin C**, Grear B. The Chevron bunionectomy for moderate to severe deformity: effects of procedural factors in hallux valgus correction. Foot & Ankle Surgery. 2023 Mar
11. Alexander N, Sarfani S, Strickland C, Richardson D, Murphy G, Grear B, **Bettin CC**. Cost Analysis and Utilization of Weight Bearing Computed Tomography. Foot & Ankle Orthopaedics. 2023 Mar Online ahead of print
12. Frederick RM, Sarfani S, Chiu CY, Hayes T, **Bettin CC**, Grear BJ, Richardson DR, Murphy GA. Comparing rates of fusion and time to fusion in viable cellular allograft and autograft. Foot &

Ankle International. 2022 Sep 1 Online ahead of print

13. Boyer BJ, Smith C, **Bettin CC**. Nail plate constructs: a novel technique for treatment of unstable Charcot ankle and hindfoot deformity. Foot & Ankle Orthopaedics. 2022 Oct; 7(4):2473011421S00597
14. Frederick RM, Burnette H, Joyce M, Kumar P, McGee T, Chiu CY, **Bettin CC**, Grear BJ, Murphy GA, Richardson DR. Efficacy of postoperative oral antibiotics in foot and ankle surgery. Foot & Ankle International. 2022 Jul 1 Online ahead of print
15. Lindsey BB, **Bettin CC**. A direct posterior approach for subtalar distraction arthrodesis. J Orthop Trauma. 2022 Aug 1:36(Suppl 3): S29-30
16. Frederick RM, Burnette H, Joyce M, Kumar P, McGee T, Chiu C, **Bettin CC**, Grear BJ, Murphy GA, Richardson DR. Efficacy of postoperative oral antibiotics in foot and ankle surgery. Foot & Ankle International. 2022 Jul
17. Pattisapu N, Bettin CC, Yeoh JC, Sarfani S. Reconstructive surgical management of Charcot neuropathy of the foot and ankle: a retrospective study. Foot Ankle Orthopaedics. 2022 Jan; 7(1)
18. Lindsey BB, Sarfani S, **Bettin CC**. A Systematic Review of Third-Generation Total Talus Replacements. Foot Ankle Orthop. 2022 Jan 21;7(1)
19. Yeoh JC, Ruta DJ, Murphy GA, Richardson DR, Ishikawa SN, Grear BJ, **Bettin CC**, Smith RA. Analysis of wheeled knee walker use following foot and ankle surgery or injury. Journal Foot and Ankle Surgery. 2021;00:1-4
20. Sims ML, Foropoulos L, **Bettin CC**. Bilateral Charcot arthropathy treated with bolt-beam constructs in the setting of unilateral foot ulcers: a report of two cases. Journal of Bone and Joint Surgery Case Connector. 2021 Jul 9;11(3).
21. Friedmann EM, Sims ML, Pattisapu N, **Bettin CC**. Early failure of the Paragon28 Phantom hindfoot fusion nail: a case report. Journal of Bone and Joint Surgery Case Connector. 2021 Jul 8:11(3).
22. Stevens TT, Hartline JT, Ojo O, Grear BJ, Richardson DR, Murphy GA, **Bettin CC**. Race and insurance status association with receiving orthopedic surgeon-prescribed foot orthoses. Foot & Ankle International. 2021 Jul 42(7): 894-901.
23. Dooley J, Bettin KA, **Bettin CC**. Current state of the residency match. Orthopaedic Clinics of North America. 2021 Jan;52(1):69-76
24. AOFAS Annual Meeting Abstracts 2021. Foot & Ankle International. 2021 42(1_suppl): 1S-39S.
25. Beahrs T, Richardson D, **Bettin CC**. Smoking Effects in Foot and Ankle Surgery: An Evidence Based Review. Foot Ankle International. 2019;40(10):1226-1232.
26. Fournier M, Cline J, Seal A, **Bettin C**, Murphy G, Throckmorton T. Initial evaluation by a non-surgeon provider does not delay the surgical care of operative ankle fracture in walk-in orthopaedic clinic. Current Orthopaedic Practice. 2019;30(6):561-565.
27. Barg A, **Bettin CC**, Presson AP, Burstein AH, Saltzman CL, Gililand J. Early clinical and radiographic outcomes of trabecular metal total ankle using transfibular approach. Journal of Bone and Joint Surgery. 2018;100(6):505-515.
28. **Bettin CC**, Azar FM, Miller RH, Throckmorton TW. Technique for Partial Transphyseal Anterior Cruciate Ligament Reconstruction in Skeletally Immature Athletes: Preliminary Results. Current Orthopaedic Practice. 2018 30(1):19-25
29. **Bettin CC,** Nelson R, Rothberg D, Barg A, Lyman M, Saltzman CS. Cost comparison of operatively

treated ankle fractures managed in an inpatient versus outpatient setting. Journal of the American Academy of Orthopaedic Surgeons. 2019;27(3):e127-e134

30. **Bettin CC,** Ishikawa SN. Complications in foot and ankle surgery in smokers. Clinical Orthopaedic Practice. 2016;27(2):146-150.
31. **Bettin CC**, Weinlein JC, Toy P, Heck RH. Distal femoral replacement for acute distal femoral fractures in elderly patients. Journal of Orthopaedic Trauma. 2016
32. Stewart MG, **Bettin CC**, Ramsey MT, Tolley EA, Ishikawa SN, Richardson DR, Murphy GA. The effect of obesity on forefoot surgery. Foot & Ankle International. 2016
33. **Bettin CC**, Sisson W, Kerkhof A, Mihalko WM. Is gelsolin a biomarker for aseptic loosening after total knee arthroplasty? Journal of Long Term Effects of Medical Implants. 2015 25(4):321-327
34. **Bettin CC**, Gower K, McCormick K, Wan JY, Ishikawa SN, Richardson DR, Murphy GA. Cigarette smoking increases complication rate in forefoot surgery. Foot & Ankle International. 2015 May;36(5):488-493.
35. **Bettin CC,** Ford MC, Mihalko WH. Hip instability after total hip arthroplasty. Seminars in Arthroplasty. 2013 Jun;24(2):94-98.
36. **Bettin CC**, Murphy GA. Statin-Associated Tendinopathy: Report of Two Cases and Review of the Literature. SMA Pulse 2013;1(5)
http://us2.campaign archive1.com/?u=eed6243d38119a1d8e557b5fa&id=2e543faf9d

NON PEER-REVIEWED PUBLICATIONS

1. **Bettin CC**, 2006, June 1. Applicability and Feasibility of Incorporating Microbial Fuel Cell Technology into Implantable Biomedical Devices. http://hdl.handle.net/1811/6443
2. **Bettin CC,** Henslee BE, Gehres PD, 2005, April. Design of an Anaerobic Digester and Fuel Cell System for Energy Generation from Dairy Waste. Poster presented at: United States Environmental Protection Agency P3 Design Competition for Sustainability; Washington, D.C
3. Henslee BE, Gehres PD, **Bettin CC**, et al, 2005. Design and Implementation of Electrode Material in a Microbial Fuel Cell Using Dairy Waste. Final Report for ASABE's G.B. Gunlogson Student Environmental Design Competition. Ohio State University, Columbus, Ohio.
4. Henslee BE, Gehres PD, **Bettin CC**, et al, 2004. Biological Fuel Cell: Modeling, Design, and Testing. Final Report for ASABE's G.B. Gunlogson Student Environmental Design Competition. Ohio State University, Columbus, Ohio.

PATIENT EDUCATION MATERIALS

1. **Bettin CC**, 2015, Dec 18. How does smoking affect healing? American Orthopaedic Foot and Ankle Society, FootCareMD.org. http://www.aofas.org/footcaremd/how-to/foot-health/Pages/How-Smoking-Affects-Healing.aspx