

William N. Melton

100 Physicians Way Suite 110 Lebanon TN 37090

EMPLOYMENT

Hughston Clinic, Columbus GA	Oct 2020 - May 2022
Hughston Clinic, Nashville TN	June 2022 - Present

EDUCATION

Hand and Upper Extremity Fellowship, Beth Israel Lahey, Burlington MA	Aug 2020
Orthopaedic Residency, Palmetto USC Orthopaedics, Columbia SC	June 2019
M.D., Medical College of Georgia, Augusta, GA	May 2014
B. S., Biology, Magna Cum Laude, University of Georgia, Athens, GA	May 2010

ONGOING RESEARCH

Parallax and Assessment of Upper Extremity Joint Position via Telemedicine: Are Standardized Protocols Necessary? Department: Orthopaedics, Beth Israel Lahey, Burlington MA Principal Investigator: Dr. Justin Koh	May 2020 - Present Manuscript Submitted
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Differences in Hand and Upper Extremity Cases in a Level I vs. a Level II Trauma Center Department: Orthopaedics, Beth Israel Lahey, Burlington MA Principal Investigator: Dr. William Melton	Oct 2019 - Present Manuscript Submitted
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PUBLICATIONS

Gruenberger E, Dunaway K, Husted G, Jardon S, Ponce B, **Melton W**. Estimating the location of the PIN during an EDC-splitting approach: a comparison of methods using the transepicondylar distance. *JSES International*. 2022 Sept 30. <https://doi.org/10.1016/j.jseint.2022.09.006>

Melton W, et al. Ultrasonography Predicting Outcomes in Patients with Severe Median Neuropathy of the Wrist Undergoing Carpal Tunnel Release. *Hand (NY)*. 2021 Jan 24. <https://doi.org/10.1177%2F1558944720988075>

Grabowski G, **Melton W**, Hamilton C. Revision Surgery for Adult Spine Deformity. *Seminars in Spine Surgery*. 2019 June 31(2): 106-111.

Melton W, Jackson JB, Koon D, Grabowski G. Orthopaedic Residency Remediation: Frequency, Interventions, and Outcomes. *JBJS Open Access*. 2018 Nov 12;3(4):0011.

Stone T, Stone N, Roy N, **Melton W**, Jackson JB, Nelakuditi S. Smart Soccer Ball as a Head Impact Sensor. *IEEE Transactions on Instrumentation and Measurement*. 2018 (99):1-9.

Melton W, Jackson JB. Concussion in Youth Sports. In: Youth Sports in America: The 50 Most Important Issues in Youth Sports today. Santa Barbara: ABC-CLIO; 2018. p. 109-22.

Smith B, **Melton W**, Davies J. Mid-substance Tendinopathy, Percutaneous Techniques. In: Achilles Tendon Pathology, An Issue of Clinics in Podiatric Medicine and Surgery. Philadelphia: Elsevier; 2017. p. 161-74.

Melton W, Jackson JB. Stress Fractures. In: Foot and Ankle Sports Orthopaedics. Switzerland: Springer International Publishing; 2016. p. 161-70.

PRESENTATIONS

American Society for Surgery of the Hand Annual Meeting Outcomes of Revision Thumb Basal Joint Arthroplasty with Tightrope Suspensionplasty Poster presentation by Usmani R	Sept 2022
American Academy of Orthopaedic Surgeons Annual Meeting Parallax and Assessment of Upper Extremity Joint Position via Telemedicine: Are Standardized Protocols Necessary? ePoster presentation by Koh J	Sept 2021
American Society for Surgery of the Hand Annual Meeting Scaphoid Fractures Treated with a Two Headless Compression Screw Technique Poster presentation by Melton W	Sept 2019
Southern Orthopaedic Association Annual Meeting Scaphoid Fractures Treated with a Two Headless Compression Screw Technique Podium presentation by Ergen T	July 2019
South Carolina Orthopaedic Association Resident Research Symposium Radial Tunnel Syndrome: Incidence, Prevalence, and Trends in Treatment Podium presentation by Drake K	Aug 2018
Southern Orthopaedic Association Annual Meeting Orthopaedic Resident Remediation: Frequency, Interventions, and Outcomes Podium presentation by Melton W	July 2018

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Southern Orthopaedic Association Annual Meeting Radial Tunnel Syndrome: Incidence, Prevalence, and Trends in Treatment Podium presentation by Melton W	July 2018
Discover USC Conference Orthopaedic Resident Remediation: Frequency, Interventions, and Outcomes Poster presentation by Melton W	April 2018
Discover USC Conference Radial Tunnel Syndrome: Incidence, Prevalence, and Trends in Treatment Poster presentation by Melton W	April 2018
Eastern Orthopaedic Association Annual Meeting Anterior Iliac Spine Morphologic Classification: Are Plain Radiographs Enough? Podium presentation by Swentik A	Oct 2017
South Carolina Orthopaedic Association Resident Research Symposium Anterior Iliac Spine Morphologic Classification: Are Plain Radiographs Enough? Podium presentation by Swentik A	Aug 2017
South Carolina Orthopaedic Association Resident Research Symposium Orthopaedic Resident Remediation: Frequency, Interventions, and Outcomes Poster presentation by Melton W	Aug 2017
Discover USC Conference Assessing Header Impacts in Soccer with Smartball Poster presentation by Stone T	April 2017
Discover USC Conference Anterior Iliac Spine Morphologic Classification: Are Plain Radiographs Enough? Poster presentation by Melton W	April 2017
22 nd Annual International Conference on Mobile Computing and Networking Assessing Header Impacts in Soccer with Smartball Podium presentation by Stone T	Oct 2016
American Academy of Foot and Ankle Surgeons Annual Meeting Frontal Plate Rotation of the 1 st Metatarsal in Relation to Arch Height Poster presentation by Smith B	July 2016
South Carolina Orthopaedic Association Resident Research Symposium Measurement Modalities in Soccer Concussion Podium presentation by Melton W	Aug 2016

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Discover USC Conference
Measurement Modalities in Soccer Concussion
Poster presentation by Melton W April 2016

Dean's Research Fellowship Day
Spleen size after Stroke
Poster presentation by Melton W Aug 2011

HONORS AND AWARDS

Palmetto Health Gay Award for Resident Research 2017-2018 June 2018

1st place poster presentation in resident research symposium
South Carolina Orthopaedic Association Annual Meeting
Orthopaedic Resident Remediation: Frequency, Interventions, and Outcomes Aug 2017

Overall 1st place student research
Association for Computer Machinery Mobicom Internal Conference
Assessing Header Impacts in Soccer with Smartball Oct 2016

Medical College of Georgia Dean's Research Fellow
Project: Spleen Size after Stroke
Mentor: Dr. David Hess June 2011

LEADERSHIP ACTIVITIES

Chief Resident USC Palmetto Health Orthopaedics 2018
AOA Emerging Leaders Program 2018
USC Palmetto Health Surgical Ethics Committee Representative 2018
C. McCollister Everts Resident Leadership Forum 2018
USC Palmetto Health Orthopaedic Chairman Search Committee 2017
South Carolina Orthopaedic Association Leadership Council 2017
Palmetto Health Perioperative Services Medical Staff Committee 2017

PROFESSIONAL ORGANIZATIONS

American Academy of Orthopaedic Surgeons
American Society for Surgery of the Hand: candidate member
American Orthopaedic Association Emerging Leaders