

William N. Melton

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

Ultrasonography Predicting Outcomes in Patients with Severe Median Neuropathy of the Wrist Undergoing Carpal Tunnel Release Department: Orthopaedics, Lahey, Burlington MA Principal Investigator: Dr. Maximilian Soong	June 2016 - Present Manuscript Preparation
Differences in Hand and Upper Extremity Cases in a Level I vs. a Level II Trauma Center Department: Orthopaedics, Lahey, Burlington MA Principal Investigator: Dr. William Melton	Oct 2019 - Present Manuscript Preparation
Revision Thumb Carpometacarpal Arthroplasty Using a Mini Tightrope Technique Department: Orthopaedics, Lahey, Burlington MA Principal Investigator: Dr. William Melton	Oct 2019 - Present Data Collection

PUBLICATIONS

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 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
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

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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
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
1 st place poster presentation in resident research symposium South Carolina Orthopaedic Association Annual Meeting Orthopaedic Resident Remediation: Frequency, Interventions, and Outcomes	Aug 2017
Overall 1 st 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
 New England Hand Society
 Massachusetts Medical Society