**Elizabeth J. Scott, MD**

lizscottmd@gmail.com

# EDUCATION

**Boston Children’s Hospital / Harvard Medical School, Boston, MA** Orthopaedic Sports Medicine Fellowship, August 2021 to July 2022Orthopedic Fellowship in Hip Joint Preserving Surgery, August 2022 to July 2023 **University of Iowa Department of Orthopedics and Rehabilitation, Iowa City, IA**

Orthopedic Surgery Residency, July 1, 2016 to June 30, 2021

**Duke University School of Medicine, Durham, NC**

Doctor of Medicine, August 2012 to May 2016

**Duke University, Durham, NC**

Bachelor of the Arts in Medieval & Renaissance Studies; August 2008 to May 2012

# WORK EXPERIENCE

**University of Iowa Department of Orthopedic Surgery, Iowa City, IA**Orthopedic Surgery Resident, 6/24/2014 to 6/30/2021

**Champagne Academy of Irish Dance, North Liberty, IA**

Strength & Conditioning Coach, Teaching Assistant, 2018-2020

**Inis Cairde School of Irish Dance, Raleigh, NC**

Teaching Assistant, 2014-2015

# LEADERSHIP AND AWARDS

2021-2023 AANA Membership Committee Member

2021-2023 AANA International Committee Member

2020-2025 The Journal of Arthroscopy Editorial Board Member

2019-2021 Social Media Board (SMB) Member of Arthroscopy (and associated) Journals

2019-2020 Quality Leadership Academy, University of Iowa Hospitals and Clinics, Iowa City IA

2020 Arthroscopy Association of North America Annual Meeting Resident Scholarship

2015 Poster Award Winner: Southern Orthopaedic Association Annual Meeting, Asheville NC

2015 First Place Paper Award: North Carolina Orthopedic Association Annual meeting, Kiwah Island SC

2014 Duke Sports Medicine Feagin Leadership Scholar

# GRANTS

Jacqueline Perry Resident Research Grant

Ruth Jackson Orthopedic Society, February 2020

Mid-America Education Grant for Senior Residents/Fellows

Mid-America Orthopedic Association, January 2020

Robert Bucholz Journal Club Grant

**Scott EJ** on behalf of the University of Iowa, Department of Orthopedics and Rehabilation

JBJS Resident Education Fund, 2019-2020

Improving Post-Operative Hip Arthroscopy Protocol Compliance: An Interactive Cellular-Phone Based Information System **Scott EJ,** Anthony CA, Willey M, Westermann R

Arthroscopy Association of North America, April 2018

Risk factors for failure of surgical and radiation treatment of metastatic bone disease.   
Klement, MR, **Scott EJ**, Brigman BE, Eward WC

Piedmont Society, January 2015

# PUBLICATIONS & PRESENTATIONS

Segmental Hip Labral Reconstruction May Be Superior to Circumferential Reconstruction: Bigger Isn’t Better

**Scott EJ**

J Arthroscopy, July 2021. In Proof.

Perioperative Text Message Communication in Hip Arthroscopy: A Randomized-Controlled Trial.   
**Scott EJ,** Anthony CA Lynch TS, Willey MC, Westermann RW.

J Arthroscopy, Accepted March 2021. In Press.

Physical Performance Tests Corelate with Patient-reported Outcomes After Periacetabular Osteotomy

**Scott EJ**, Willey MC, Davison JC, Westermann RW, Paulson AC, Wilken JM.

JAAOS Glob Res Rev, Jun 2021. PMID 34106906

Senior Resident Research Days, April 23 2021

Schaver A, **Scott EJ,** Glass NA, Willey MC, Westermann RW. Activity Level and Sport Type in Adolescents Correlates with Development of Cam Morphology.

AOSSM/AANA Combined Annual Meeting, 2021.   
OREF Midwest Region Resident Research Symposium, April 2021.

Accepted to JBJS Open Access, April 2021.

**Scott EJ,** Willey MC, Davison J, Westermann RW, Paulson A, Wilken J. Physical performance tests that predict patient-reported outcomes following periacetabular osteotomy.

ISHA Annual Meeting, October 2020.

**Scott EJ,** Westermann RW, Nasir M, Glass NA, Willey MC. Pain catastrophizing, kinesiophobia, stress and depression are associated with pain and dysfunction in hip preservation patients.   
ISHA Annual Meeting, October 2020.

Westermann R and **Scott E**. Hip Arthroscopy for Cam-type Femoroacetabular Impingement. Operative Techniques in Orthopaedics. March 2020; Vol 30 Issue 1. DOI: 10.1016/j.oto.2020.100778.

Willey, MC, Compton, JT, Marsh, JL, Kleweno CP, Agel J, **Scott EJ,** Bui G, Davison J, Anderson DD.Weight-Bearing CT Scan After Tibial Pilon Fracture Demonstrates Significant Early Joint-Space Narrowing.

JBJS 2020 May 6;102:796-803. DOI: 10.2106/JBJS.19.00816

Orthopedic Research Society (ORS) Annual meeting, Austin TX, February 2019.  
Orthopaedic Trauma Association Annual Meeting, Denver CO, September 2019.

**Scott EJ,** Dolan L, Weinstein S. Closed Vs. Open Reduction/Salter Innominate Osteotomy for Developmental Hip Dislocation After Age 18 Months: Comparative Survival at 45-Year Follow Up. JBJS 2020; April 15. PMID **32769602**

POSNA Annual Meeting Awards Session, Friday May 15, 2020

AAOS Annual Meeting Podium Presentation, 2020 (postponed)

Davison J, Westermann R, **Scott E**, Mohammad K, Paulson A, Willey MC. Skeletal Muscle Mass is Maintained after Periacetabular Osteotomy with Standardized Rehabilitation Protocol.

ISHA Annual Meeting, Madrid, Spain, October 2019

**Scott EJ,** Willey MC, Mercado M, Davison J, Wilken J**.** Objective Measures of Physical Performance Assess Functional Limitations of Hip Dysplasia.

Orthop J Sports Med, Feb 2020. PMID **33283014**

ISHA Annual Meeting, Madrid, Spain, October 2019

Mid-America Orthopedic Association Annual Meeting, 2021

**Scott E**, Anthony C, O’Connor M, Willey MC, Lynch TS, Westermann R. Improving Perioperative Communication in Hip Arthroscopy Using an Automated Text Messaging Robot: A Randomized-Controlled Trial.

Arthroscopy Association of North America Annual Meeting, 2020 (postponed)

Senior Residents Research Day, Iowa City IA, June 2019.

ISHA Annual Meeting, Madrid, Spain, October 2019

Accepted to Arthroscopy, April 2021.

Willey MC, **Scott EJ,** Marsh JL Early Total Hip Arthroplasty for the Treatment of Acetabular Fractures.   
J Hip Surg 2019;00:1-10. DOI: 10.1055/s-0039-1692199

**Scott E,** Anthony C, Rooney P, Willey M, Lynch TS, Westermann R. Mobile Phone Administration of Hip-Specific Patient-Reported Outcome Instruments Correlates Highly with In-Office Administration.   
JAAOS 2019 April 1;00:1-6. DOI: 10.5435/JAAOS-D-18-00708

**Scott E,** Anthony C, Rooney P, Willey M, Lynch TS, Westermann R. Administration of the Hip Disability and Osteoarthritis Outcome Score (HOOS) Physical Function Short-Form and Pain Subscale via Text Messaging.   
International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine Annual Meeting, Cancun, Mexico

May 2019.   
Mid-America Orthopaedic Association Annual Meeting, Miramar Beach FL, April 2019.   
Arthroscopy Association of North America Annual Meeting, Orlando FL, May 2019.

**Scott EJ,** Thomas H, Dibbern K, Goetz JE, Fruehling C, Westermann R, Willey M. The Association between Cam Deformity and Increased Joint Contact Stress following Periacetabular Osteotomy for Dysplasia.   
JBJS 2018 Oct 17;100(20);e131. PMID 30334890.

The International Society for Hip Arthroscopy Annual Meeting, Santiago, Chile, October 14, 2017

Mid-America Orthopaedic Association Annual Meeting, San Antonio, TX, April 2018.

Shamrock A, **Scott E,** Willey MC and Westermann RW. Comparison of PAO performed with and without hip arthroscopy: Surgical time, post-operative pain, and opioid use.

ISHA: The Hip Preservation Society Annual Meeting, Melbourne, Australia. October 4-6, 2018.

Willey MC, Westermann RW, Thomas H, Brown T, **Scott E,** Sitton S, Holland S, Goetz J. Clinical and biomechanical outcomes of patients with borderline hip dysplasia treated with PAO.

ISHA: The Hip Preservation Society Annual Meeting, Melbourne, Australia. October 4-6, 2018.

Barton C, **Scott E,** Willey MC and **Westermann RW.** Outcomes Following Surgical Management of Patients with Borderline Hip Dysplasia: A Systematic Review.   
Accepted to The Iowa Orthopedic Journal, Dec 23 2019. Vol 39 Issue 2.

ISHA: The Hip Preservation Society Annual Meeting, Melbourne, Australia. October 4-6, 2018.

Thomas-Aitken H, Willey MC, Westermann RW, Brown T, **Scott E** and Goetz, J. Do typical radiographic measurements of hip dysplasia predict changes in joint mechanics after PAO?

ISHA: The Hip Preservation Society Annual Meeting, Melbourne, Australia. October 4-6, 2018.

**Scott EJ**, Glass NA, Wolf BR, Albright J, Hettrich C, Bollier MJ. Performance of PROMIS physical function after ACL Reconstruction.   
Orthop J Sports Med. May 2018. PMID 29854864

The American Orthopaedic Society for Sports Medicine / Arthroscopy Association of North America Combined Specialty Day, New Orleans, LA, March 10, 2018.

American Academy of Orthopaedic Surgery Annual Meeting, New Orleans, LA March 8-10, 2018.

MidAmerica Orthopaedic Association Annual Meeting, San Antonio, TX, April 2018.

**Scott EJ,** Westermann R, Rosneck J. A Posterior Labral Cyst Associated with an Anterior Labral Tear of the Hip. Skeletal Radiology. Dec 22 2017. PMID 29273830.

**Scott EJ,** Bedard NA, West C, Dowdle SB, Liu SS, Callaghan JJ. Outcomes of Hip Arthroscopy in the Medicare Population: A Growing Population, Iowa J, 2019; 39(1): 89–93. PMID [31413681](https://www.ncbi.nlm.nih.gov/pubmed/31413681).  
Mid-America Orthopaedic Association Annual Meeting, San Antonio, TX, April 2018.

**Scott, E.J.,** Klement, M.R., Brigman, B.E., Eward, W.C. Beyond Mirels: Factors Influencing Surgical Outcomes of Metastasis to the Extremities in the Modern Era. Journal of Surgical Orthopaedic Advances, Fall 2018;27(3):178-186. PMID: 30489242

International Society for Limb Salvage Meeting, Orlando, FL, October 10, 2015.

First Place Paper Award**,** North Carolina Orthopaedic Association Annual Meeting, Kiwah Island, SC, October 10, 2015

**Scott EJ**, Klement MR, Brigman BE, Eward, WC. Risk Factors For Metastatic Bone Disease Progression After Surgical Treatment

Eastern Orthopaedic Association Annual Meeting, Maui, HI, June 20, 2015

Southern Orthopaedic Association Annual Meeting, Asheville, NC, July 18, 2015

Klement, M.R**., Scott E.J.,** Brigman, B.E., Eward W.C. Implant Failure After Surgical Treatment of Extremity Metastatic Bone Disease.

Eastern Orthopaedic Association Annual Meeting, Maui, HI, June 2015

Southern Orthopaedic Association Annual Meeting, Asheville, NC, July 18, 2015

Poster Award Winner at Southern Orthopaedic Association Annual Meeting, Asheville, NC, July 18, 2015

**Scott, E.J.,** Dodd, R.D., Kirsch, D.G., Eward, W.C. Next Generation Mouse Models of Osteosarcoma: Using Novel Drivers to Make Temporally and Spatially Restricted Tumors. AOA Day, Duke University, Durham, NC, August 7, 2015

Lazarides, A.L**., Scott, E.J.,** Cardona, D.M., Blazer, D.G., Brigman, B.E., Eward, W.C. Simultaneous Primary Presacral

Myelolipomas: Case Report and Review of the Literature.   
Journal of Gastrointestinal Cancer. 2015 June 27; 10.1007/s12029-0159749-5 PMID: 26164122

# PROFESSIONAL DEVELOPMENT

2021-2023 AANA International Committee Member  
2021-2023 AANA Membership Committee Member

2020-2025 Arthroscopy Journal Editorial Board Member

2020-2021 AOSSM Resident Member

2019- ISHA Associate Member

2019-2021 AAOS Resident Assembly Innovation Committee Member

2019-2020 Iowa Orthopedics Journal Club Chair

2017-2021 Iowa Orthopedics Team Sports Coverage (Meets): Mens & Womens Gymnastics

2018-2020 Iowa Orthopedics Practice Injury and Laceration Coverage: Wrestling

2017-2018 Iowa Orthopedics Team Sports Coverage (Game): Softball

2017-2021 AANA Resident Member

2017-2021 Mid America Orthopaedic Association Resident Member

2016-2021 Ruth Jackson Orthopaedic Society Resident Member

2016-2021 Journal Reviewer: Iowa Orthopaedic Journal, <http://www.ncbi.nlm.nih.gov/pmc/journals/311/>

2014- International Association for Dance Medicine & Science Member