

Robert E. Boykin, MD

Sports Medicine and Shoulder Surgery
EmergeOrtho / Blue Ridge Division
Adjunct Assistant Professor:
University of North Carolina School of Medicine
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EDUCATION

Fellowship	Alps Surgery Institute Shoulder Fellowship Annecy, France	9/2012 – 12/2012
Fellowship	The Steadman Clinic Sports Medicine Fellowship Vail, CO	8/2011 – 8/2012
Residency	Harvard Combined Orthopaedic Surgery Residency Boston, MA <i>Chief Resident, Massachusetts General Hospital</i>	6/2007 – 6/2011
Internship	Beth Israel Deaconess / Harvard Medical School Boston, MA	6/2006 – 6/2007
Medical School	Vanderbilt University School of Medicine Nashville, TN <i>MD, Alpha Omega Alpha</i>	6/2002 – 5/2006
Undergraduate	University of North Carolina Chapel Hill, NC <i>BS, Biology with Highest Distinction and Honors, Phi Beta Kappa Morehead Scholar (Full)</i>	8/1998 – 5/2002
High School	Wilson Hall School Sumter, SC	8/1994 – 5/1998

LICENSURE

North Carolina , <i>Full Active</i>	2012 - Current
Colorado , <i>Inactive</i>	2011 - 2012
Massachusetts , <i>Inactive</i>	2006 - 2011

BOARD CERTIFICATIONS

Diplomate of the American Board of Orthopaedic Surgery (ABOS), Dual Board Certified, 2015
ABOS: Part I: 2011, Part II: 2015 Sports Medicine Subspecialty: 2018

USMLE: Step I: 2003, Step II: 2005, Step II CS: 2005, Step III: 2006

PROFESSIONAL MEMBERSHIPS AND SOCIETIES

1. **American Academy of Orthopaedic Surgeons (AAOS)**, Active Member
2. **American Shoulder and Elbow Surgeons (ASES)**, Associate Member
3. **Arthroscopy Association of North America (AANA)**, Associate Member
4. **American Orthopaedic Society for Sports Medicine (AOSSM)**, Active Member
5. **International Society for Hip Arthroscopy (ISHA)**, Ordinary Member
6. **North Carolina Orthopaedic Association (NCOA)**, Active Member
7. **Western North Carolina Medical Society (WNCMS)**, Active Member

EDITORIAL ACTIVITIES

Associate Editor, <i>Journal of Shoulder and Elbow Arthroplasty</i>	2020 – Present
Reviewer, <i>Arthroscopy: The Journal of Arthroscopic and Related Surgery</i> .	2015 – Present
Reviewer, <i>The Journal of Shoulder and Elbow Surgery</i> .	2013 – Present
Content author and senior reviewer, <i>Orthobullets education website</i> .	2010 – 2015
Resident reviewer, <i>The Fractured Wrist: AAOS Virtual Fellowship Program</i> .	2008
Professional reviewer, <i>McGraw-Hill / Lange Medical Publications</i> .	2004 – 2008

AWARDS AND HONORS

Adjunct Assistant Professor: University of North Carolina School of Medicine. Asheville, NC	2018 - Present
Forty under Forty: Biltmore Beacon. Asheville, NC	2013
Distinguished Alumni Award: Wilson Hall High School. Sumter, SC	2011
Administrative Chief Resident: Massachusetts General Hospital: Harvard Combined Orthopaedic Surgery Residency	2011
Alpha Omega Alpha Honor Medical Society: <i>Junior Inductee, President</i> .	2005-2006

Vanderbilt University School of Medicine

McGraw-Hill / Lange Medical Student Reviewer Recognition Award Vanderbilt University School of Medicine	2004
Phi Beta Kappa , University of North Carolina	2002
Biology Honors Recipient , University of North Carolina	2002
Morehead Scholarship (Full) , University of North Carolina	1998 – 2002
Dean's List , University of North Carolina	1998 – 2002
Coca-Cola National Scholar , University of North Carolina	1998
Wendy's High School Heisman Finalist , Wilson Hall School	1997

ADMINISTRATIVE SERVICE AND LEADERSHIP

President-Elect , <i>North Carolina Orthopedic Association</i> Raleigh, NC	2020-2021
Vice-President , <i>North Carolina Orthopedic Association</i> Raleigh, NC	2019-2020
Program Chairman : <i>Blue Ridge Sports Medicine Symposium</i> Asheville, NC	2019, 2021
Finance Chairman : <i>EmergeOrtho Blue Ridge Division</i> Asheville, NC	2019 - Present
Recording Secretary : <i>North Carolina Orthopedic Association</i> Raleigh, NC	2018-2019
Medical Director : <i>Sports Medicine and Shoulder Surgery, Advent Health</i> Hendersonville, NC	2018 - Present
Program Advisory Committee : <i>AB Tech Surgical Technology Program</i> Asheville, NC	2019 - Present
Course Co-Chairman : <i>2nd Vail Shoulder Summit</i> . Vail, CO	2018
Program Chair : <i>North Carolina Orthopedic Association Annual Meeting</i> . Williamsburg, VA	2017

EmergeOrtho Inaugural Board Member , <i>EmergeOrtho Blue Ridge Division</i> . Asheville, NC	2016 - 2019
MAHEC Primary Care Sports Medicine Fellowship , <i>Orthopaedic Faculty</i> Asheville, NC	2016 – Present
Scientific Advisory Board Member . <i>Avadim Technologies</i> . Asheville, NC	2016 - Present
Political Action Committee . <i>American Academy of Orthopedic Surgeons</i> Asheville, NC	2016 – Present
Course Chairman : <i>1st Vail Shoulder Summit</i> . Vail, CO	2016
Alumni Gift Chair , <i>Vanderbilt University School of Medicine Class of 2006 Reunion</i> . Nashville, TN	2016, 2011
Political Action Committee Member , <i>North Carolina Orthopaedic Association</i> . Asheville, NC	2015 - Present
Co-founder , Sports Medicine Residency Interest Group, <i>Harvard Combined Orthopaedic Residency</i> . Boston, MA	2009 – 2011
President , Alpha Omega Alpha Honor Medical Society, <i>Vanderbilt University School of Medicine</i> . Nashville, TN	2005 – 2006
Vice-President , <i>Vanderbilt University School of Medicine Class of 2006</i> . Nashville, TN	2002 – 2004
Captain , Orthopaedic Surgery Intramural Basketball Team, <i>Massachusetts General Hospital</i> . Boston, MA	2008 – 2011
Leader , Summer Medical Institute, <i>Medical Campus Outreach Mission</i> . Cusco, Peru	2004

TEAM COVERAGE

Head Team Physician, <i>Asheville High School</i> , Asheville, NC	2020 - Present
Team Physician, <i>Montreat College</i> , Montreat, NC	2017 - Present
Team Physician, <i>North Buncombe High School</i> , Weaverville, NC	2014 – Present

Head Team Physician, <i>Warren Wilson College</i> , Swannanoa, NC	2013 – Present
Team Coverage Physician, <i>University of North Carolina at Asheville</i> , Asheville, NC	2013 – 2017
Team Pool Physician, <i>United States Men’s and Women’s Olympic Alpine Ski Team (USSA)</i> , Vail, CO/La Parva, Chile	2011 – 2015
Team Physician, <i>Vail Mountain High School</i> , Vail, CO	2011 – 2012
Consultant, <i>Royal Spanish Tennis Federation hip project</i> . Barcelona, Spain	2011 – Present
Assistant Team Physician, <i>Boston Public High School Football</i> . Boston, MA	2006 – 2011

GRANT SUPPORT

Carter R. Rowe Traveling Fellowship Award Massachusetts General Hospital	2011
AO North America Resident Research Grant Recipient: <i>Proximal Humerus Fracture Fixation</i> . Harvard Combined Orthopaedic Residency	2008
Harvard Orthopaedics Student Research Fellowship: <i>Proteomic Analysis of Synovial Fluid</i> . Harvard Medical School	2004
Chi Psi Fraternity Graduate Fellowship Recipient Vanderbilt University School of Medicine	2002

PEER REVIEWED PUBLICATIONS

1. Day Hazra RO, Ernat JJ, Rakowski DR, Boykin RE, Millett PJ. The Evolution of Arthroscopic Rotator Cuff Repair. *Orthop J Sports Med*. 2021 Dec 6;9(12):23259671211050899. doi: 10.1177/23259671211050899.
2. Altintas B, Scheidt M, Kremser V, Boykin R, Bhatia S, Sajadi KR, Mair S, Millett PJ. Superior Capsule Reconstruction for Irreparable Massive Rotator Cuff Tears: Does It Make Sense? A Systematic Review of Early Clinical Evidence. *Am J Sports Med*. 2020 Nov;48(13):3365-3375.

3. Altintas B, Anderson NL, Boykin R, Millett PJ. Operative treatment of torsional humeral shaft fractures in throwers leads to an earlier return to sport: a survey of expert shoulder and elbow surgeons. *Knee Surg Sports Traumatol Arthrosc.* 2019 Dec;27(12):4049-4054. doi: 10.1007/s00167-019-05733-7. Epub 2019 Oct 14.
4. Altintas B, Anderson NL, Boykin R, Millett PJ. Operative treatment of torsional humeral shaft fractures in throwers leads to an earlier return to sport: a survey of expert shoulder and elbow surgeons. *Knee Surg Sports Traumatol Arthrosc.* 2019 Oct 14.
5. Altintas, B, Anderson, N, Dornan GJ, **Boykin RE**, Logan C, Millett, PJ. Return to Sport after Arthroscopic Rotator Cuff Repair in Athletes: Is there a difference between the Recreational and the Elite? A Systematic Review and Meta-Analysis. Accepted, *American Journal of Sports Medicine* 2019
6. Menge T, **Boykin RE**: Gluteus Medius Tears of the Hip: A Comprehensive Approach. aPorte C, Vasaris M, Gossett L, Boykin R, Menge T. Gluteus medius tears of the hip: a comprehensive approach. *Phys Sportsmed.* 2018 Sep 22:1-6.
7. Paulson DS, Topp R, **Boykin RE**, Schultz G, Yang Q. Efficacy and safety of a novel skin cleansing formulation versus chlorhexidine gluconate. *Am J Infect Control.* 2018 Jun 5. pii: S0196-6553(18)305728.
8. **Boykin RE**. Editorial Commentary: The Downstream Effects of Limited Hip Rotation and Femoroacetabular Impingement on the Anterior Cruciate Ligament: Could a Little Hip Stretching Every Day (or Surgery) Keep the Knee Doctor Away? *Arthroscopy.* 2018 Mar;34(3):951-952.
9. Galvin JW, Romanowski JR, **Boykin RE**, Eichinger JK, Lafosse L. Neurovascular compression after the Latarjet procedure. *Orthopedics.* 2015 Dec 1;38(12):e1164-8.
10. Galvin JW, Eichinger JK, **Boykin RE**, Szöllösy G, Lafosse L. Posterior shoulder instability following anatomic total shoulder arthroplasty: A case report and review of management. *Int J Shoulder Surg.* 2015 Oct-Dec;9(4):131-4.
11. Murrell WD, Anz AW, Badsha H, Bennett WF, **Boykin RE**, Caplan AI. Regenerative treatments to enhance orthopedic surgical outcome. *PM R.* 2015 Apr;7(4 Suppl):S41-52.
12. Jawa A, Yi PH, **Boykin RE**, Gardner MJ, Gerber C, Lorch DG, Walch G, Warner JJ. Treatment of proximal humerus fractures: comparison of shoulder and trauma surgeons. *Am J Orthop (Belle Mead NJ).* 2015 Feb;44(2):77-81.
13. Menge TJ, Byram IR, **Boykin RE**, Bushnell BD. Labrum and rotator cuff injuries in the throwing athlete. *Phys Sportsmed.* 2015 Feb;43(1):65-72.
14. Philippon MJ, Briggs KK, **Boykin RE**. Results of arthroscopic labral reconstruction of the hip in elite athletes: response. *Am J Sports Med.* 2014 Oct;42(10):NP48.

15. Menge TJ, **Boykin RE**, Byram IR, Bushnell BD. A comprehensive approach to glenohumeral arthritis. *South Med J*. 2014 Sep;107(9):567-73.
16. Menge TJ, **Boykin RE**, Bushnell BD, Byram IR. Acromioclavicular osteoarthritis: a common cause of shoulder pain. *South Med J*. 2014 May;107(5):324-9.
17. Moussa ME, **Boykin RE**, Earp BE. Missed locked posterior shoulder dislocation with a reverse Hill-sachs lesion and subscapularis rupture. *Am J Orthop (Belle Mead NJ)*. 2013 Dec;42(12):E121-4.
18. Shi LL, **Boykin RE**, Lin A, Warner JJ. Association of suprascapular neuropathy with rotator cuff tendon tears and fatty degeneration. *J Shoulder Elbow Surg*. 2014 Mar;23(3):339-46. 2013 Sep 20.
19. **Boykin RE**, Patterson D, Briggs KK, Dee A, Philippon MJ. Results of arthroscopic labral reconstruction of the hip in elite athletes. *Am J Sports Med*. 2013 Aug 8.
20. Heuer HJ, **Boykin RE**, Petit CJ, Hardt J, Millett PJ. Decision-making in the treatment of diaphyseal clavicle fractures: is there agreement among surgeons? Results of a survey on surgeons' treatment preferences. *J Shoulder Elbow Surg*. 2013 Jul 6.
21. **Boykin RE**, McFeely ED, Ackerman KE, Yen YM, Nasreddine A, Kocher MS. Labral injuries of the hip in rowers. *Clin Orthop Relat Res*. 2013 Aug;471(8):2517-22.
22. **Boykin RE**, McFeely ED, Shearer D, Frank JS, Harrod CC, Nasreddine AY, Kocher MS. Correlation between the child health questionnaire and the international knee documentation committee score in pediatric and adolescent patients with an anterior cruciate ligament tear. *J Pediatr Orthop*. 2013 Mar;33(2):216-20.
23. Smith SD, Wijdicks CA, Jansson KS, **Boykin RE**, Martetschlaeger F, de Meijer PP, Millett PJ, Hackett TR. Stability of mid-shaft clavicle fractures after plate fixation versus intramedullary repair and after hardware removal. *Knee Surg Sports Traumatol Arthrosc*. 2013 Jan 31.
24. Rios D, Jansson KS, MartetschlÄger F, **Boykin RE**, Millett PJ, Wijdicks CA. Normal curvature of glenoid surface can be restored when performing an inlay osteochondral allograft: an anatomic computed tomographic comparison. *Knee Surg Sports Traumatol Arthrosc*. 2013 Jan 24.
25. Campbell KJ, **Boykin RE**, Wijdicks CA, Giphart JE, LaPrade RF, Philippon MJ. Treatment of a hip capsular injury in a professional soccer player with platelet rich plasma and bone marrow aspirate concentrate therapy. *Knee Surg Sports Traumatol Arthrosc*. 2012 Oct 7.
26. **Boykin RE**, Stull JD, Giphart JE, Wijdicks CA, Philippon MJ. Femoroacetabular impingement in a professional soccer player. *Knee Surgery Sports Traumatology Arthroscopy*. 2012 Jul 3.
27. Martetschläger F, Rios D, **Boykin RE**, Giphart E, de Waha A, Millett PJ. Coracoid impingement: current concepts. *Knee Surg Sports Traumatol Arthrosc*. 2012 Apr 24.

28. Jaglowski J, **Boykin RE**, Kocher MS. Recurrent peroneal subluxation in children and adolescents. *Current Orthopaedic Practice*. In Press
29. **Boykin RE**, Jawa A, O'Brien T, Higgins LD, Warner JJP. Variability in operative management of proximal humerus fractures. *Shoulder & Elbow*. 2011;3:197-201.
30. **Boykin RE**, Anz, A, Bushnell B, Kocher MS, Philippon MJ, Stubbs A. Hip Instability. *J Am Acad Orthop Surg*. 2011 Jun;19(6):340-9
31. **Boykin RE**, Friedman DJ, Zimmer ZR, Oaklander AL, Warner JP. Suprascapular neuropathy in a shoulder referral practice. *J Shoulder Elbow Surg*. 2011 Jan 28.
32. **Boykin RE**, Ogunseinde B, McFeely ED, Kocher MS. Calcaneofibular ligament transfer for recurrent peroneal instability in children. *J Pediatr Orthop*. 2010 Dec;30(8):899-903.
33. **Boykin RE**, Friedman DJ, Higgins LD, Warner JP. Suprascapular neuropathy: current concepts review. *J Bone Joint Surg Am*. 2010 Oct 6;92(13):2348-64.
34. Harrod CC, **Boykin RE**, Kim YJ. Epidural pneumatosis of the cervicothoracic spine associated with transient upper motor neuron findings complicating haemophilus influenzae pharyngitis, bronchitis and mediastinitis. 2009. *J Pediatr Orthop*. 2010 Jul-Aug;30(5):455-9.
35. Harrod CC, **Boykin RE**, Jupiter JB. Pain and swelling after radiofrequency treatment of proximal phalanx osteoid osteoma: case report. *J Hand Surg Am*. 2010 Jun;35(6):990-4. Epub 2010 May 7.
36. **Boykin RE**, Heuer HJ, Vaishnav S, Millett PJ. Rotator cuff disease – basics of diagnosis and treatment. *Rheumatology Reports*. 2010 Vol 2 (1): e1.
37. Harrod, CC; **Boykin, RE**; Hedequist, DJ. Complications of infection in pediatric spine surgery. *Pediatric Health*. 2009 Dec 3(6): 579-592 (14).
38. **Boykin RE**, Baskies MA, Harrod CC, Jupiter JB. Intra-operative distraction in the upper extremity. *Techniques in Hand & Upper Extremity Surgery*. 2009 Jun;13(2):75-81.
39. Millett PJ, Gobezie R, **Boykin RE**. Degenerative shoulder disease: diagnosis and management. *American Family Physician*. 2008 Sep 1;78(5):605-11.
40. Chen N, **Boykin RE**, Millett PJ. Case Report: A broken femoral cross pin after a hamstring anterior cruciate ligament reconstruction. *Journal of Knee Surgery*. 2007 Jul;20(3):245-8.

1. Altintas B, Anderson N, **Boykin RE**, Millett PJ: Intraoperative and Postoperative Issues with Arthroscopic Rotator Cuff Repair. *Complications in Orthopedics: Sports Medicine*. Elsevier. October 2020
2. Sridhar A, Vaughan A, **Boykin RE**: Abductor (Gluteus Medius and Minimus) Injuries. Miller et al., *Essential Orthopedics, 2nd Edition*. In Press.
3. King P, Feeney P, Vaughan A, **Boykin RE**: Iliopsoas Disorders and Snapping Hip. Miller et al., *Essential Orthopedics, 2nd Edition*. In Press.
4. **Boykin, RE**. *Editorial Commentary*: The Downstream Effects of Limited Hip Rotation and Femoroacetabular Impingement on the Anterior Cruciate Ligament: Could a Little Hip Stretching Every Day (or Surgery) Keep the Knee Doctor Away? *Arthroscopy*, Volume 34, Issue 3, 951 - 952
5. Fritz E.M., Katthagen J.C., **Boykin RE**, Millett P.J. (2018) Suprascapular Nerve Release with Rotator Cuff Tears. In: McMahon P. (eds) *Rotator Cuff Injuries*. Springer, Cham. February 2018
6. Gaskill TR, Lee JT, **Boykin RE**, van der Meijden OA, Millett PJ. Chapter 16: Open reduction and internal fixation of fractures of the clavicle. *Shoulder and Elbow Trauma*. Levine, Cadet, and Ahmad. JP Medical Ltd. June 2012.
7. **Boykin RE**, Anz, A, Bushnell B, Kocher MS, Philippon MJ, Stubbs A. Hip instability: Authors Reply. *J Am Acad Orthop Surg*. April 2012.
8. Martetschläger F, Rios D, **Boykin RE**, Millett PJ. Arthroscopic assessment and treatment of anterior glenoid bone loss. *OKU Shoulder and Elbow 4*. Nicholson. American Academy of Orthopaedic Surgeons. June 2012
9. **Boykin RE**, Rodkey WR, Steadman JR. Acute anterior cruciate ligament surgery. Repair vs. reconstruction. When? *The ACL deficient knee – an approach based on problem resolution*. Springer Verlag. December 2012
10. Wilkes T, Lee JT, **Boykin RE**, Van der Meijden O, Millett PJ. Open Reduction and Internal Fixation of Clavicle Fractures. *Current Management of Shoulder and Elbow Trauma*. JP Medical Ltd. Levine. Jan. 2012
11. Millett PJ, **Boykin RE**. Perspective on “Two-incision technique superior to one-incision technique in anatomic repair of biceps tendon”. *Orthopaedics Today Online*, Sept. 2011
12. **Boykin RE**, Heuer HJ, Millett PJ. Rotator Cuff Tears. Chapter 12: *Evaluation and Management of Common Upper Extremity Disorders*. Rohde and Millett. SLACK, Inc. June 2011
13. **Boykin RE**, Threadgill D. Genetic Counseling, The Human Genome Project, Mitosis, Genotype, and Phenotype. *Macmillan Child Development Encyclopedia Volume I*. Salkind. Macmillan. Oct. 2001

SCIENTIFIC PRESENTATIONS (NATIONAL AND INTERNATIONAL)

1. Menge T, Dumont G, **Boykin RE**. Pain Management Trends in Hip Arthroscopy. ISHA Annual Meeting, Madrid, Spain. Oct 2019
2. Feeney P, Vaughan A, **Boykin RE**. It's not just frozen: A case of concomitant suprascapular neuropathy. Podium presentation. AMSSM Annual Meeting, San Diego, CA. May 2017
3. Mannava, S, **Boykin RE**, Stone AV, Gaskill TR, Bruner M, Howse E, Marquez-Lara A, Stubbs AJ. Atypical hip joint impingement: Pre-operative, imaging, therapeutic and surgical considerations. AAOS Technical exhibit. *AAOS Annual Meeting*. Orlando, FL. March 2016
4. Smith S, Wijdicks C, Jansson K, **Boykin RE**, Martetschläger F, de Meijer PP, Millett PJ, Hackett T. Stability of mid-shaft clavicle fractures after plate fixation versus intramedullary repair and after hardware removal. Poster presentation. *ISAKOS Annual Meeting*, Toronto, CA. May 2013
5. **Boykin RE**, Patterson D, Briggs KK, Dee A, Philippon MJ. Hip flexion force and torque after arthroscopic fractional lengthening of the iliopsoas tendon. Poster presentation. *ISAKOS Annual Meeting*, Toronto, Canada. May 2013
6. **Boykin RE**, Ruiz-Cotorro A, Dominguez D, Philippon MJ. Pre-participation hip screening in elite youth tennis players. Poster presentation. *ISAKOS Annual Meeting*, Toronto, Canada. May 2013
7. **Boykin RE**, Ruiz-Cotorro A, Dominguez D, Philippon MJ. Pre-participation hip screening in elite youth tennis players. Poster presentation. *AANA Annual Meeting*, San Antonio, TX. April 2013
8. Smith S, Wijdicks C, Jansson K, **Boykin RE**, Martetschläger F, de Meijer PP, Millett PJ, Hackett T. Stability of mid-shaft clavicle fractures after plate fixation versus intramedullary repair and after hardware removal. Poster presentation. *ORS Annual Meeting*, San Antonio, TX. Jan. 2013
9. Rios D, Jansson K, Martetschläger F, **Boykin RE**, Millett PJ, Wijdicks, C. Restoration of normal radius of curvature when performing an osteochondral allograft to the glenoid surface: An anatomic computed tomographic comparison. Poster presentation. *ORS Annual Meeting*, San Antonio, TX. Jan. 2013
10. Shi L, **Boykin RE**, Warner JP. The association of suprascapular neuropathy with rotator cuff tendon tear and fatty degeneration. Poster presentation. *SECEC Annual Meeting*, Dubrovnik, Croatia. Sept. 2012
11. **Boykin RE**, Patterson D, Briggs KK, Dee A, Philippon MJ. The results of arthroscopic labral reconstruction of the hip in elite athletes. Podium presentation. *AANA Annual Meeting*, Orlando, FL. May 2012
12. **Boykin RE**, McFeely ED, Shearer D, Frank JS, Harrod CC, Nasreddine AY, Kocher MS. Correlation between the Child Health Questionnaire and the modified International Knee Documentation

- Committee score in adolescent patients with an anterior cruciate ligament tear. Poster presentation. *AOSSM annual meeting*, Baltimore, MD. July 2012
13. **Boykin RE**, Ruiz-Cotorro A, Dominguez D, Philippon MJ. Pre-participation Hip Screening in Elite Youth Tennis Players. Podium presentation. *ESSSKA Annual Meeting*, Geneva, Switzerland. May 2012
 14. Shi L, **Boykin RE**, Warner JP. The Association of Suprascapular Neuropathy with Rotator Cuff Tendon Tear and Fatty Degeneration. Podium Presentation. *AAOS Annual Meeting*, San Francisco, CA, 2/12
 15. Heuer HJ, **Boykin RE**, Petit CP, Hardt J, Millett PJ. Decision Making in Treating Diaphyseal Clavicle Fractures: Is there Agreement Among Surgeons? *Podium presentation*. International Congress on Science and Skiing, St. Christoph, Austria, 12/10.
 16. Vezeridis P, **Boykin RE**, Wells J, Warner JP. The Association of Long thoracic Nerve Palsy and Suprascapular Neuropathy. Podium presentation. *Annual Meeting of the American Shoulder and Elbow Surgeons*, Scottsdale, AZ, 10/10.
 17. **Boykin RE**, Friedman DJ, Zimmer ZR, Oaklander AL, Warner JP. Suprascapular Neuropathy: Incidence and Significance. Podium presentation. *International Congress of Shoulder and Elbow Surgery*, Edinburgh, Scotland, 9/10.
 18. Vezeridis P, **Boykin RE**, Wells J, Warner JP. The Association of Long thoracic Nerve Palsy and Suprascapular Neuropathy. Podium presentation. *International Congress of Shoulder and Elbow Surgery*, Edinburgh, Scotland, 9/10.
 19. Heuer HJ, **Boykin RE**, Hardt J, Petit CJ, Millett PJ. Decision-making in Treating Diaphyseal Clavicle Fractures: Is there Agreement Among Surgeons? Podium Presentation. "*Jour Fixe*" - *Doctoral Candidate Seminar of the Institute for Social Medicine and the Institute for Cancer Epidemiology*, University Hospital Schleswig-Holstein Campus Luebeck, Germany, 5/10.
 20. Heuer HJ, **Boykin RE**, Petit CP, Hardt J, Millett PJ. Decision Making in Treating Diaphyseal Clavicle Fractures: Is there Agreement Among Surgeons? Poster presentation. *AAOS Annual Meeting*, New Orleans, LA, 3/10.
 21. **Boykin RE**, Friedman DJ, Zimmer ZR, Oaklander AL, Warner JP. Suprascapular Neuropathy: Incidence and Significance. Poster presentation. *AAOS Annual Meeting*, Las Vegas, NV, 2/09.

INVITED LECTURES AND FACULTY

1. **North Carolina Orthopedic Association Annual Meeting**. Greensboro, NC. 10/19
 - Hip Arthroscopy 101: Pearls for Setup, Access, and Labral Treatment
 - Sports Medicine Paper Session (Moderator)

2. ***AANA/ISHA Arthroscopic/Open Hip Preservation Strategies*** Rosemont, IL. 6/19
 - Associate Instructor
3. ***Blue Ridge Sports Medicine Symposium.*** Asheville, NC. 4/19
 - Program Chair
 - Shoulder Instability in Athletes (Lecture)
 - Management of Femoroacetabular Impingement in the Athlete (Lecture)
 - Case Presentations (Moderator)
4. ***Smith and Nephew Sports Fellowship Meeting.*** Rosemont, IL. 8/18
 - Patient Presentation and Radiographic Pearls (FAI)
 - Live Surgery Demo: Perfect Portals
 - Live Demo: Dynamic Evaluation of Impingement: C-arm Pearls
 - Instructor: Ultrasound of the Hip
5. ***2nd Vail Shoulder Summit.*** Vail, CO. 4/18
 - Arthroscopic suprascapular nerve release
 - Bundled payments in shoulder arthroplasty
 - Subscapularis tears: Pattern recognition and tips for arthroscopic repair
6. ***4th Mountain Orthopedic Update (MAHEC/Mission Health).*** Asheville, NC. 4/18
 - Shoulder Instability
7. ***Vail Hip Symposium 2018.*** Avon, CO. 1/18
 - Indications for Labral Repair
 - Live Surgery Demo: Capsular Closure
 - Faculty Lab Instructor
8. ***North Carolina Orthopedic Association Annual Meeting.*** Williamsburg, VA. 10/17
 - Reverse Shoulder Arthroplasty
 - Shoulder Scientific Session Moderator
9. ***Smith and Nephew Annual Fellows Meeting.*** Andover, MA. 8/17
 - Anatomic Labral Repair
 - Faculty Lab Instructor
10. ***AANA Modern Trends in Hip Arthroscopy.*** Rosemont, IL. 4/17
 - Faculty Lab Instructor
11. ***OrthoCarolina Fellowship Symposium.*** Charlotte, NC. 2/2017
 - Keynote speaker
 - Hip Arthroscopy: Pearls for setup, access, and labral treatment
12. ***Vail Hip Symposium 2017.*** Avon, CO. 1/17
 - Anatomic Labral Repair
 - Faculty Lab Instructor

13. ***AANA Basic Principles of Hip Arthroscopy: The Road from Injury to Rehabilitation.*** Rosemont, IL. 10/16
 - Hip Instability
 - Faculty lab instructor

14. ***Southern Orthopaedic Association Annual Meeting.*** Naples, FL. 7/16
 - Lecture and panelist for symposium: The Young Adult Hip
 - Labrum: Indications and Results of Debridement, Repair, and Reconstruction

15. ***1st Vail Shoulder Summit.*** Vail, CO. 6/16
 - Course co-chairman and faculty
 - Moderator: Biomechanics of the shoulder, live surgery, practice management.
 - Lectures: Suprascapular neuropathy, Clavicle case presentation.
 - Faculty lab instructor

16. ***Charleston Advanced Shoulder Arthroscopy Course (Smith and Nephew).*** Charleston, SC. 6/16
 - Shoulder arthritis in the young patient
 - Arthroscopic subscapularis repair
 - Bony Bankart repair

17. ***OrthoCarolina Hip Preservation Dinner.*** Charlotte, NC. 4/2016
 - Keynote speaker
 - Hip Arthroscopy: Supine Approach

18. ***AAOS Annual Meeting.*** Orlando, FL. 3/16
 - AAOS Inaugural Hip Showdown: Labral deficiency – when to reconstruct.

19. ***Vail Hip Symposium 2016.*** Vail, CO. 1/16
 - Microfracture in the hip
 - Physical exam of the hip
 - Faculty lab instructor

20. ***Charleston Shoulder Course (Smith and Nephew).*** Charleston, SC. 4/15
 - Controversies in rotator cuff repair
 - Arthroscopic subscapularis repair
 - SLAP repair vs. biceps tenodesis
 - Bony bankart repair

21. ***Vail Hip Symposium 2015.*** Vail, CO. 1/15
 - Faculty lab instructor

22. ***NCOA Annual Meeting.*** Asheville, NC 10/14

- Sports and Shoulder Symposium: Point/Counterpoint – Double Row Rotator Cuff Repair
23. ***Charlotte Hip and Shoulder Course (Smith and Nephew)***. Charlotte, NC. 10/14
 - Hip arthroscopy: supine approach. Patient positioning, portals, and pearls for atraumatic entry
 - Controversies in rotator cuff repair
 24. ***Richmond Hip and Shoulder Course (Smith and Nephew)***. Richmond, VA. 6/14
 - Controversies in rotator cuff repair
 - Femoroplasty and decompression of cam lesions
 25. ***Vail Hip Symposium 2014***. Vail, CO. 3/14
 - Faculty lab instructor
 26. ***Annecy Arthroscopic Arthroplasty Shoulder Academy***. Annecy, France, 11/12. Arthroscopic capsular release of the shoulder.
 27. ***AAOS Annual Meeting***. San Francisco, CA. 3/12.
 - Rotator cuff mastery. ICL 007SK. Lab instructor.
 28. ***ICJR Fourth Annual Hip and Knee Course***. Vail, CO. 1/12
 - Femoroacetabular impingement: Overview and indications for treatment
 - Arthroscopic management of femoroacetabular impingement