

PAUL BRADLEY SEGEBARTH, M.D. Curriculum Vitae (As of January 5, 2026)

ACADEMIC TITLE

Associate Professor, Department of Orthopaedics
Atrium Health Musculoskeletal Institute (MSKI), Charlotte, NC

EDUCATION (chronological order, oldest to most recent)

Madisonville North Hopkins High School
Valedictorian, **gpa 4.0**, graduated 1st in class
1990-1994

University of Kentucky
B.S. Biotechnology
Summa cum laude, **gpa 4.0**, graduated 1st in class
1994-1998

University of Kentucky College of Medicine
Doctor of Medicine
Junior AOA, **gpa 4.0**, graduated 1st in class
1998-2002

POSTDOCTORAL TRAINING (chronological order, oldest to most recent)

Vanderbilt University Medical Center
Department of General Surgery
Internship in General Surgery
2002-2003

Vanderbilt University Medical Center
Department of Orthopaedics and Rehabilitation
Resident in Orthopaedic Surgery
2003-2007

OrthoCarolina Spine Center
Spine Surgery Fellowship
Aug 2007 – July 2008

PROFESSIONAL LICENSURE AND CERTIFICATION

State of Tennessee Medical Licensure # MD0000039666 (inactive)
State of North Carolina Medical Licensure # 2007-01152 (active)
ABOS board certified July 2010, Re-certification 2018
BLS, ACLS certified – Expired 10/31/2019

EMPLOYMENT

Academic Appointments (chronological)

Clinical Instructor, Orthopaedic Surgery Univ. of TN Medical Center
Sept. 2008-Aug 2010

Associate Professor, Dept. of Orthopaedics, Atrium Health MSKI, Charlotte, NC
Sept. 2010 - current

Professional Experience

Sept 2008 – Aug 2010 Orthopaedic Spine Surgeon, University Orthopaedic Surgeons, Knoxville, TN

Sept 2010 – present Orthopaedic Spine Surgeon, OrthoCarolina Spine Center, Charlotte, NC

ADMINISTRATIVE SERVICE (chronological where applicable)

- Center of Excellence in Medical Education Board of Directors University of Kentucky College of Medicine 1999 – 2002
- Vice President, UKCOM chapter Alpha Omega Alpha Medical Honor Society 2001 – 2002
- Kentucky Medical Association Continuing Medical Education Committee 2001 – 2002
- Kentucky Medical Association Council for Continuing Medical Education 2001 – 2002
- OrthoCarolina Operations Committee January 2011 – 2013, 2017
- Carolinas Medical Center Orthopaedic Executive Committee 2014
- Board of Directors, Mallard Creek Surgery Center 2014 – 2017
- **Chairman, Medical Review Committee**, Mallard Creek Surgery Center 2014 – present
- OrthoCarolina Physician Performance and Productivity Committee January 2014 – 2017
- OrthoCarolina Board of Partners January 2014 – 2022
- Lumbar Spine Research Society Education Committee 2014 – 2015
- CSRS Annual Meeting Program Committee 2016, 2017
- Joint Operational Board Spine, Atrium Musculoskeletal Institute 2019 – 2021
- AO Spine North America Fellowship Committee 2018 – 2020
- **Director, OrthoCarolina Spine Fellowship Program**, OrthoCarolina Spine Center, Charlotte, NC July 2018 – present
- AO Spine North America Education Committee 2021 – present
- **Director, Spine Trauma/E-Service** Novant Charlotte Region, June 2024-present
- HiVE of the Carolina's Spine & Pain Mgmt subcommittee, **Co-Chair** August 2025 – present

PEER REVIEWER

- Clinical Spine Journal
- Global Spine Journal

PROFESSIONAL MEMBERSHIPS AND SERVICE

- AO Spine North America Faculty
- North American Spine Society (inactive)
- Fellow, American Academy of Orthopaedic Surgeons
- Lumbar Spine Research Society
- Cervical Spine Research Society
- North Carolina Spine Society
- Society of Lateral Access Surgeons
- Alpha Omega Alpha Honor Medical Society
- Vanderbilt Orthopaedic Society

HONORS AND AWARDS (chronological)

- Valedictorian Madisonville North Hopkins H.S 1994
- Otis A. Singletary Scholarship (full tuition four-year merit scholarship) University of Kentucky 1994-1998
- Summa cum laude, University of Kentucky class 1998
- Dean's Recruitment Scholarship (full tuition four-year renewable merit) Univ of KY College of Medicine 1998-2002
- Wilson Sebastian Jr. M.D. Memorial Scholarship (four-year renewable) Academic Excellence Scholarship 1998-2002
- Junior AOA 2001, elected Vice President AOA UK COM class 2002
- Selected as one of "America's Top Orthopedists" by Consumers' Research Council of America 2011, 2012, 2013
- Lumbar Spine Research Society *Best Poster 2014*: **Segebarth B**, Davis R. "Importance of routine upright imaging for evaluating degenerative lumbar stenosis: Incidence of degenerative spondylolisthesis missed on supine MRI."
- Cervical Spine Research Society *Top Abstract 2023*: **Segebarth PB**, Schallmo M, Odum S, et al. Opioid-Free Analgesia is Safe and Effective in Anterior Cervical Spine Surgery: A Randomized Controlled Trial
- Nominated for AO Spine North America Educator of the Year Award 2025

GRANT FUNDING

- Howard Hughes Medical Institute research grant – summer 1996
- Howard Hughes Medical Institute research grant – fall 1996 and spring 1997

BIBLIOGRAPHY *Peer-Reviewed Publications as Author* (chronological; **bold** = author name)

1. **Segebarth B**, Zimmer S. Translational Regulation of mRNA in Human Breast Cancer. Transactions of the Kentucky Academy of Science. 1997;58(1):46-47.

2. **Segebarth B**, Limbird T. Perioperative Acute Upper Airway Obstruction Secondary to Severe Rheumatoid Arthritis. *Journal of Arthroplasty*. 2007;22(6):916-919.
3. **Segebarth B**, Datta J, et al. Incidence of Dysphagia Comparing Cervical Arthroplasty and ACDF. *SAS Journal*. 2010;4(1):3-8.
4. **Segebarth PB**, Darden B. Dysphagia: Perioperative Risk Factors, Diagnosis, and Treatment. In: *Handbook of Pharyngeal Diseases: Etiology, Diagnosis and Treatment*. Nova Science Publishing; 2012.
5. **Segebarth B**, Kurd M, Haug P, Davis R. Routine Upright Imaging for Evaluating Degenerative Lumbar Stenosis: Incidence of Degenerative Spondylolisthesis Missed On Supine MRI. *JSDT*. 2014 Oct 28.
6. Bible JE, Kay JF, Shau DN, O'Neill KR, **Segebarth PB**, Devin CJ. What patient characteristics could potentially affect your patient satisfaction scores during spine clinic? *Spine*. 2014 Apr 2.
7. Laxer EB, Brigham CD, Darden BV, **Segebarth PB**, Milam RA, Rhyne AL, Odum SM, Spector LR. Adjacent segment degeneration following ProDisc-C total disc replacement (TDR) and anterior cervical discectomy and fusion (ACDF): does surgeon bias effect radiographic interpretation? *Eur Spine J*. 2017;26:1199-1204.
8. Leveque JA, **Segebarth B**, Schroerlucke SR, et al. A Multicenter Radiologic Evaluation of the Rates of Preoperative and Postoperative Malalignment in Degenerative Spinal Fusions. *Spine*. 2018 Jul;43(13):E782-E789.
9. Curtin BM, Odum SM, OrthoCarolina Quality Improvement Committee. Unintended Bundle Payments for Care Improvement Consequences After Removal of Total Knee Arthroplasty From In-Patient Only List. *J Arthroplasty*. 2019 Feb 27.
10. Sembrano JL, Miguel JS, Yson S, Laxer E, Prasher A, Schroerlucke S, Leveque JC, **Segebarth B**, Khanna N. A prospective multicenter evaluation of the relationship between standing and recumbent spinopelvic alignment in supine, lateral or prone position. *The Spine Journal*. 2021;21(9):S71.
11. Berger R, Bulloch L, Hysong A, Huggins B, Horan N, VanDerNoord R, **Segebarth B**. Establishing a common language for lumbar transforaminal epidural steroid injections. *Journal of Spine Surgery*. 2021;7(4):467-474.
12. Mendoza M, Odum S, Baluch D, Milam R, **Segebarth B**, Darden B, Laxer E, Chapman T, Spector L. Is There an Association Between Patients' Expectations and Satisfaction Scores in an Outpatient Setting? *The Spine Journal*. 2017;17(10):S114.
13. McConda D, Odum S, Chapman M, **Segebarth B**. Radiographic sagittal alignment in the asymptomatic elderly: what is normal for age? *The Spine Journal*. 2020;20(9):S193.
14. **Segebarth PB**, Schallmo M, Odum S, et al. Opioid-Free Analgesia is Safe and Effective in Anterior Cervical Spine Surgery: A Randomized Controlled Trial. *Clin Spine Surg*. 2024 May 1;37(4):138-148. doi: 10.1097/BSD.0000000000001608. PMID: 38553433.
15. Drexel K, Baltic S, Gachigi K, Lifsey C, Kelso R, **Segebarth PB**. Impact of transversus abdominis plane block on length of stay and postoperative opioid use in anterior lumbar interbody fusions. *N Am Spine Soc J*. 2025 Jul 18;23:100771. doi: 10.1016/j.xnsj.2025.100771. PMID: 40822243; PMCID: PMC12355991.
16. Than KD, Phillips FM, **Segebarth B**, et al. Effect of Interbody Implant Design on Early Clinical and Radiographic Outcomes in LLIF Surgery: Interim Analysis of a Prospective

Comparative Trial. Neurosurgery. 2025;71(Suppl 1):p150. doi: 10.1227/neu.0000000000003360_1062.

17. Than KD, **Segebarth PB**, Laxer EB, et al. Effect of interbody implant design on early clinical and radiographic outcomes in LLIF surgery. The Spine Journal. 2024;24(9 Suppl):P252.
18. Phillips FM, **Segebarth PB**, Laxer EB, et al. Effect of autologous vs allogeneic cell-based grafts on early clinical and radiographic outcomes in LLIF surgery. The Spine Journal. 2024;24(9 Suppl):S63-S64.
19. Thompson K, Rhyne A, Johnson N, et al. High Rate of Revision Surgery After Limited Decompression of Lumbar Facet Cysts. J Am Acad Orthop Surg. 2022 Nov 1;30(21):e1374-e1381. doi: 10.5435/JAAOS-D-21-00258. PMID: 36264189.

PRESENTATIONS AT PROFESSIONAL MEETINGS (chronological where dates provided; includes all listed)

- Hartford, **Segebarth**, Shapiro, Brindle, Moncer, McCrory. “Mobile-Bearing and Posterior-Substituting Knee Replacements: A Gait Analysis.” Poster presentation at Mid-America Orthopaedic Association, April 2002, Tucson, AZ and American Academy of Orthopaedic Surgeons, February 2002, Dallas, TX.
- **Segebarth B**. “Dynamic Imaging in Lumbar Stenosis.” Presented to Vanderbilt Orthopaedic Society, San Destin, FL, March 2007.
- **Segebarth B**, et al. “Incidence of Dysphagia Comparing Cervical Arthroplasty and ACDF.” Presented to AO Spine North America Fellows’ Symposium, Banff, Canada, April 2008.
- Bui T, Spector L, Odum S, Darden B, **Segebarth B**, Patti J, Milam A, Brigham C, Rhyne A, Laxer E. “Adjacent Segment Degeneration following ProDisc-C Total Disc Replacement and Anterior Cervical Discectomy and Fusion: Does Surgeon Bias Affect Radiographic Interpretation?” Presented by T. Bui at CSRS 2012.
- **Segebarth B**, Davis R. “Importance of routine upright imaging for evaluating degenerative lumbar stenosis: Incidence of degenerative spondylolisthesis missed on supine MRI.” Awarded LSRS Best Poster 2014.
- Darden B, Spector L, Odum S, Milam A, Brigham C, **Segebarth B**, Patti J, Laxer E. “Adjacent Segment Degeneration Following Cervical Total Disc Replacement and Anterior Cervical Discectomy and Fusion: Does Surgeon Bias Affect Radiographic Interpretation?” Presented by Darden at ISASS 2014.
- Bible, Devin, **Segebarth**, et al. “Are low patient satisfaction scores always due to the provider? Determinants of patient satisfaction scores during spine clinic visits.” Presented by Bible at CSRS 2014.
- Bible, Devin, **Segebarth**, et al. “What patient characteristics could potentially affect your patient satisfaction scores during spine clinic?” Presented by Bible at CSRS 2014.
- **Segebarth B**, Ferrara L, Darden B. “The impact of surface geometry at the bone interface for improving screw fixation: a biomechanical evaluation of a novel screw design.” Presented at BioSpine 2015.

- **Segebarth B**, Leveque JC, et al. “Multicenter Evaluation of the Incidence of Preop and Postop Spinopelvic Malalignment in Degenerative Spinal Fusions.” Presented at SOLAS 2017.
- Sembrano J, Polly D, Schroerlucke S, Khanna N, **Segebarth B**, et al. “A prospective, multicenter evaluation of the relationship between standing and recumbent surgical lumbar lordosis: interim analysis.” Presented by Sembrano at SOLAS 2017.
- Chapman, Ruder, Milam, **Segebarth**, Spector, Darden, Rhyne, Laxer. “Assessment of Robotic Guided Instrumentation: Accuracy, Learning Curve, and Revisions.” Podium presentation at NCSS, August 2017, Charlotte, NC.
- McConda DB, Odum SM, Chapman TM, **Segebarth PB**. “Radiographic Alignment in the Asymptomatic Elderly: What is normal for age?” Podium presentations at AO Spine March 2017 Banff Canada; LSRS April 2017 Chicago; IMAST July 2017 Cape Town; NCSS August 2017 Charlotte; NASS October 2017 Orlando.
- Leveque JA, **Segebarth B**, Schroerlucke SR, Khanna N, Pollina J, Youssef JA, Tohmeh AG, Uribe JS. “Multicenter Evaluation of the Incidence of Pre- and Postoperative Malalignment in Degenerative Spinal Fusions.” Podium at IMAST July 2017 Cape Town; NASS October 2017 Orlando; E-Poster at SRS September 2017 Philadelphia.
- Bundy JV, Ali MH, Chapman TM, Karikari IO, Laxer EB, **Segebarth PB**, Pollina J, Gottfried ON, Howes GA, Khanna N, Prasher A, Schroerlucke SR, Sembrano JN, Uribe JS, Tresser SJ. “Comparison of standing versus recumbent, intraoperative positioning on lumbar lordosis.” Podium at SOLAS May 2017 San Diego, CA.
- Conti Mica MR, Odum SM, Silverstein MP, Chapman TM, **Segebarth PB**, Spector LR, Milam RA, Rhyne AL, Darden BV, Laxer EB. “The Impact of Online Physician Rating Websites on Orthopaedic Clinical Practice.” Podium at AO Spine March 2018 Banff; Podium at NASS September 2018 Los Angeles; Eposter at AOA June 2019 San Diego.
- Ali MH, Emami A, Khanna N, Leveque JC, Pollina J, Schroerlucke S, **Segebarth PB**, Uribe J, Youssef J. “Preoperative Lumbosacral Alignment and its Correlation to Lordosis Change in One- and Two Level Degenerative Fusions.” Podium at SOLAS May 2018 San Diego; NASS September 2018 Los Angeles.
- Silverstein M, Odum SM, Conti Mica MR, Chapman TM, Darden BV, Laxer EB, Milam RA, Rhyne AL, **Segebarth PB**, Spector LR. “Does Payer Type Affect Patient Satisfaction Scores?” Podium at LSRS April 2018 Chicago; AO Spine March 2018 Banff; CSRS December 2018 Scottsdale.
- Odum SM, Spector L, QIC Committee. “Lessons learned after three years in Bundled Payments: Tales from a privademic practice.” Poster at AAOS March 2019 Las Vegas.
- Davidson C, Chapman TM, Curtin B, Darden B, Klare C, Laxer E, Milam RA, Rhyne A, **Segebarth PB**, Spector L. “Rate of Hip OA in Spine Patients-Plain Film A/P Lumbar Radiographs.” Rapid Fire at LSRS April 2019 Chicago; Poster at AO Spine March 2019.
- Davidson C, Chapman TM, Darden B, Klare C, Laxer E, Odum SM, Rhyne A, **Segebarth PB**, Spector L, Milam RA. “What is the Cost of Pathology Testing of Retrieved Disc Material.” Rapid Fire at LSRS April 2019 Chicago.
- Klare C, Johnson N, Chapman TM, Darden B, Davidson C, Milam RA, Rhyne A, **Segebarth PB**, Spector L, Laxer E. “Comparison of Subcutaneous Fat Thickness in the Lumbar Spine Related to BMI Between Males and Females.” Poster at AO Spine March 2019 Banff; LSRS April 2019 Chicago.

- A Prospective Multicenter Evaluation of the Relationship between Standing and Recumbent Spinopelvic Alignment in Supine, Lateral or Prone Position. **Segebarth B**, Laxer E, Sembrano J. Poster presentation at 56th SRS Annual Meeting, September 22-25, 2021, St Louis, MO.
- Chapman TM, **Segebarth PB**, McConda D, Schallmo M. “Radiographic Sagittal Alignment in the Asymptomatic Elderly: What is Normal for Age?” Podium at Scoliosis Research Society May 2022; North Carolina Spine Society June 2022; Poster at AO Spine Fellows Forum March 2022.
- Milam RA, Spector LR, **Segebarth PB**, Rhyne AL, Laxer EB, Darden BV, Chapman TM, Callaway F. “What is the Cost of Histopathologic Evaluation of Retrieved Disc Material?” Presented at AO Spine NA Fellows Forum, Banff, CA, March 2022.
- Hallie Murray PhD, Bruce Darden MD, Anthony Kwon MD, Eric Laxer MD, R Alden Milam MD, Alfred Rhyne MD, **Brad Segebarth MD**, Leo Spector MD. “Preliminary Results Support the Performance of PEEK Interbody Fusion Devices with an Integrated Porous Titanium Coating for Cervical Fusion Applications.” Presented at Global Spine Congress, June 1-4, 2022, Las Vegas, NV.
- **Segebarth PB**, Schallmo M, Reynold JP. “T4-L1 Hip Axis in an Asymptomatic Aging Population.” Presented at AO Spine Fellows Forum, Banff, CA, March 2023.
- **Segebarth PB**, Chapman TM, Milam RA, Schallmo M. “Opioid-Free Analgesia is Safe and Effective in Anterior Cervical Spine Surgery: A Randomized Controlled Trial.” Podium at EO/NCOA 2023; Cervical Spine Research Society Nov 2023; Poster at AAOS Annual Meeting March 2023.
- Laxer EB, **Segebarth PB**, Bulloch L. “Comparison of Subcutaneous Fat Thickness in the Lumbar Spine Related to BMI Between Males and Females.” Poster at Lumbar Spine Research Society, Nov 2023.
- **Segebarth PB**, Lensing G, Owens V. “Are Routine Postoperative Laboratory Tests Necessary After Primary 1 or 2 Level Lateral Interbody Fusion?” Podium at EO/NCOA 2023; OREF 2023; Poster at AO Spine Fellows Forum, Banff, CA, March 2023.
- **Segebarth PB**, Hockensmith L. “Shared Decision-Making Influencing Return to Work and Patient-reported Outcomes after Elective Spine Surgery.” Poster at AO Spine Fellows Forum, April 2024.
- Baltic S, Drexelius K, Gachigi K, Lifsey C, Kelso R, **Segebarth PB**. “Impact of transversus abdominis plane block on length of stay and postoperative opioid use in anterior lumbar interbody fusions.” Poster & Podium at AO Spine Fellows Forum, Banff, Canada, April 2024.
- **Segebarth PB**, Baltic S, Drexelius K. “Effectiveness of Transabdominal Plane Blocks on Anterior Lumbar Interbody Fusions in Reducing Length of Stay and Postoperative Opioid Use.” (TOP RESEARCH ABSTRACT) Poster & Podium at AO Spine Fellows Forum, Banff, Canada, April 2024; Poster at Lumbar Spine Research Society, May 2024; Poster at Eastern Orthopaedic Society, October 2024.
- Schallmo M, Drexelius K, Lifsey C, Gachigi K, Kwon A, **Segebarth PB**, Chapman TM, Milam RA, Rhyne A, Spector L. “Optimizing Cage Geometry in anterior Techniques for Lumbar Interbody Fusion.” Presented at North Carolina Spine Society, June 8, 2024.
- **Segebarth B**. “Indirect Decompression: Myth, Laziness, or Genius?” Podium at NC Orthopaedic Association Annual Meeting, Charlotte, NC, October 22, 2024.

- **Segebarth B.** “Updates in Minimally Invasive TL Fracture Fixation Techniques.” Podium at NC Orthopaedic Association Annual Meeting, Charlotte, NC, October 22, 2024.
- Turk R, **Segebarth PB**, Spector LR, Rhyne AL, Owen V. “Facet Capsule Enthesophyte a Risk Factor for Failure of Indirect Decompression in Lumbar Spinal Stenosis: A Case Report.” Poster at North Carolina Orthopedic Association, October 2024.
- Sullivan BL, Lifsey C, Chandler C, Turk R, Gachigi K, Moorer W, **Segebarth PB.** “Preauthorization Requirements Delay Care in Elective Spine Surgery.” Poster and podium at AO Spine NA: 23rd Annual Fellows Forum, March 27–30, 2025, Banff, Canada; Eastern Orthopedic Association (EOA) 2025, Naples, FL, October 16, 2025; Society for Minimally Invasive Spine Surgery (SMISS) 2025 Annual Meeting, Las Vegas, NV, October 2–4, 2025; Cervical Spine Research Society 2025 Annual Meeting, Washington, DC, December 3–6, 2025.
- Roebke A, Sullivan BL, Conti Mica M, **Segebarth PB.** “Osteosynthesis via AO Lag Screw Technique for C2 Hangman Fractures: Case Series with 11-Year.” Poster at AO Spine NA: 23rd Annual Fellows Forum, March 27–30, 2025, Banff, Canada.
- **Segebarth PB**, Baltic S, Drexelius K. “Effectiveness of Transabdominal Plane Blocks on Anterior Lumbar Interbody Fusions in Reducing Length of Stay and Postoperative Opioid Use.” Presented at Lumbar Spine Research Society 2025 Annual Meeting, Chicago, IL, May 8–9, 2025; North American Spine Society 2025 Annual Meeting, Denver, CO, November 14–16, 2025.
- **Segebarth B.** “Cervical Spine Injuries in American Football.” Podium at Southern Orthopaedic Association Annual Meeting, Marco Island, FL, July 26, 2025.

INVITED EXTRAMURAL PRESENTATIONS, SEMINARS, AND TEACHING ROLES

- AO North America Spine Faculty Education Program Training, Feb 2015
- Faculty, AO Spine Principles and Treatment of Spinal Disorders for Residents, Las Vegas Jan 2016
- Faculty, Nuvasive ALIF course for spine surgeons, May 2016 Charlotte
- Faculty, AO Spine Flipped Classroom Cervical Radiculopathy recorded online lecture presenter July 2016
- Faculty, Nuvasive MAS course for residents and fellows, Sept 2016 San Diego
- Faculty, DePuy/Synthes SMART Lab Spine Cadaver Course for residents, October 2016 Charlotte
- Faculty, AO Spine Principles and Treatment of Spinal Disorders for Residents, Las Vegas Jan 2017
- Faculty, AO Spine Webinar “Thoracolumbar Burst Fractures” May 2017
- Faculty, AO Spine Fellows Forum Banff, 2013, 2014, 2017, 2018, 2019, 2020
- Faculty, AO Spine Controversies in Spine Cadaver Course for Fellows, Las Vegas, NV, Sept. 2018
- One AO Spine Leadership Meeting, Palm Desert, CA Feb. 2018, 2019, 2020

- Faculty, AO Spine Controversies in Spine Cadaver Course for Fellows, Las Vegas, NV, Sept. 2019, Sept 2021
- Faculty, AO Spine Webinar “Cervical Myelopathy” Oct 2019
- AO North America Leadership Education Program Training, San Antonio, TX, Oct 2019
- AO North America Chairmen Education Program Training, Wayne, PA, Feb 2019
- AO Spine North America Case Consult Series faculty panelist April 2021
- AO Spine North America Case Consult Series faculty moderator Jan-Feb 2022
- AO Spine NA Course – Principles and Treatments of Spinal Disorders for Residents Co-Chairperson, Toronto, CA, 8/19/22
- AO Spine NA Course—Controversies in Complex Spinal Surgery for Fellows with Practice Essential Component: Faculty, Las Vegas, NV, 9/29/22
- AO Spine NA Course – Principles and Treatments of Spinal Disorders for Residents Faculty, Las Vegas, NV, 1/27/23
- AO Spine NA: 21th Annual Fellows Forum: Banff, Alberta, CA Faculty and Moderator 3/30/23
- AO Spine NA Course—Controversies in Complex Spinal Surgery for Fellows with Practice Essential Component Educational Advisor/Faculty, Palm Beach Gardens, FL, Invited 9/28/23
- Cervical Spine Research Society Instructional Course/Annual Meeting Moderator/Faculty: Cervical Myelopathy, Las Vegas, NV, 11/29/23
- AO Spine NA Course – Lateral Approaches to the Spine: Complications, Controversies and Technique Tips Co-Chairperson, Palm Beach, FL, 12/8/23
- AO Spine NA Global Spine Diploma Program Moderator: Lumbar Degen Module, Aug - October 2023
- AO Spine NA Course – Principles and Treatment of Spinal Disorders Co-Chairperson, Charlotte, NC, 1/19/24
- AO Spine NA: Annual Fellows Forum: Banff, Alberta, CA Faculty and Moderator 4/11-13/24
- AO Spine NA Course—Controversies in Complex Spinal Surgery for Fellows with Practice Essential Component Faculty, Palm Beach Gardens, FL, 9/5-7/24
- AO Spine NA Board Review Course Faculty, Chicago, IL, 6/22/24
- NC Orthopaedic Association Annual Meeting Moderator, Faculty, Charlotte, NC 10/22/24
- AO Spine NA Global Spine Diploma Program Moderator: Lumbar Degen Module, October – December 2024
- Cervical Spine Research Society Instructional Course/Annual Meeting Moderator/Faculty: Cervical Myelopathy and Cervical Trauma, Chicago, IL, 12/11/24
- AO Spine NA Course – Principles and Treatment of Spinal Disorders Co-Chairperson, Charlotte, NC, 1/9/25
- AO Spine NA Global Spine Diploma Program Moderator: Lumbar Degen Module, Jan - Feb 2025
- AO Spine NA Online Case Consult Series Moderator, Feb/March 2025
- Lumbar Spine Research Society Annual Meeting Moderator: Lumbar Spondylolisthesis, Chicago, IL, 5/8-9/25
- AO Spine NA Board Review Course Faculty, Chicago, IL, 6/21/25 (accepted)
- AO Spine NA: Annual Fellows Forum: Banff, Alberta, CA Faculty and Moderator 3/27-29/25

- Southern Orthopaedic Association Annual Meeting Faculty, Marco Island, FL 7/26/25
- AO Spine NA Course—Controversies in Complex Spinal Surgery for Fellows with Practice Essential Component Faculty, Palm Beach Gardens, FL, 9/18-20/25

MENTORING RELATIONSHIPS

Training Faculty for following spine fellows (2011–2018):

- 2011 Deborah Appleyard, MD
- 2011 Wayne Kelley, MD
- 2012 Tuan Bui, MD
- 2012 Thomas Kesman, MD
- 2013 Brian Blessinger, MD
- 2013 Bennett Grimm, MD
- 2014 Thomas Loumeau, MD
- 2015 Adam Caputo, MD
- 2015 Christopher O'Boynick, MD
- 2016 Daniel Baluch, MD
- 2016 Daniel Dixon, MD
- 2017 Marco Mendoza, MD
- 2017 David McConda, MD
- 2018 Michael Conti Mica, MD
- 2018 Michael Silverstein, MD

Fellowship Director for following spine fellows (2019–current):

- 2019 Casey Davidson, MD
- 2019 Christian Klare, MD
- 2020 James Stokman, MD
- 2020 Kirk Thompson, MD
- 2021 Brandon Huggins, MD
- 2021 Ryan Berger, MD
- 2022 Bradley Saitta, MD
- 2022 Lamar (Fielding) Callaway, MD
- 2023 James Phillip Reynolds, MD
- 2023 Gabriel Lensing, MD
- 2024 Lindsay Hockensmith, MD
- 2024 Steven Baltic, MD
- 2025 B. Lee Sullivan, MD
- 2025 Austin Roebke, MD

PUBLIC OUTREACH

Volunteer for new initiative by AO Spine North America to standardize teaching content across all North American AOSNA teaching sites. Involves online synchronous and non-synchronous learning activities, as well as examinations resulting in CME and Diploma Certification

- AO Spine NA Global Spine Diploma Program Committee August 2023-current
- AO Spine NA Global Spine Diploma Program Module Chair, Lumbar Degen 2023-current
In charge of Lumbar Degen Module for 100+ spine fellows overseeing national teaching faculty and small group learning cohorts across North America

PROFESSIONAL INTERESTS

Complex spine, deformity/spinal reconstruction, spine trauma, degenerative spine, outcomes research, teaching/mentoring orthopaedic residents and fellows

HOBBIES Spending time with wife and 4 children, athletics, coaching, hiking, fishing, kayaking, travel