

Curriculum Vitae **Stephanie Muh M.D.**

EMPLOYMENT

- 2012 – present **Henry Ford Health Systems**
Shoulder and Elbow Surgery
Department of Orthopaedics
Associate Program Director – Sports Fellowship Program
Detroit, MI 48202

Henry Ford West Bloomfield Hospital
Deputy Chief, Department of Orthopaedics Surgery Service, West Bloomfield Hospital
West Bloomfield, MI 48322

EDUCATION

- 2011 – 2012 **Cleveland Akron Shoulder Elbow (CASE) Fellowship, Case Western Reserve University**
Shoulder and Elbow Fellowship
Cleveland, OH
- 2007 – 2011 **Henry Ford Health Systems**
Residency, Orthopaedic Surgery
Detroit, MI
- 2006 – 2007 **Henry Ford Health Systems**
Internship, Orthopaedic Surgery
Detroit, MI
- 2002 – 2006 **Drexel University College of Medicine (formerly MCP Hahnemann)**
Medical Degree
Philadelphia, PA
- 1995 – 1999 **Emory University**
Bachelor of Science
Atlanta, GA

LICENSURE

American Board of Orthopaedic Surgery – Board Certified 2024
Michigan Board of Medicine Physician License – active
Michigan Board of Pharmacy Controlled Substance License – active

PROFESSIONAL SOCIETY MEMBERSHIPS

Arthroscopy Association of North America (AANA) - Associate Member
American Academy of Orthopaedic Surgeons (AAOS) – Fellow Member
American Orthopaedic Association (AOA) – Fellow
American Shoulder and Elbow Society (ASES) –Associate Member
American Medical Association
Michigan Orthopaedic Society

EDITORIAL/REVIEWER ACTIVITIES

Journal of Shoulder and Elbow Surgery Reviewer
 Associate Editor for the JBJS Associate Editor Panel
 Open Journal of Orthopaedics Reviewer
 AOA Critical Issues/Educational Program Committee Member 2019-2022

VISITING PROFESSORSHIPS

November 2018 - UAE Ministry of Health and Prevention Visiting Consultant – Khorfakkan Hospital

RESEARCH EXPERIENCE

- 2001 - 2002 University of Pennsylvania School of Medicine, Renal-Electrolyte & Hypertension Division
Research Specialist
- 1996 – 2000 Yerkes National Primate Research Center, Emory University
Research Assistant

PUBLICATIONS

1. Fisk, F., Franovic, S., Tramer, J., Gullledge, C., Kuhlmann, N., Chen, C., Moutzouros, V., **Muh**, S., Makhni, E. “PROMIS CAT forms demonstrate early responsiveness in patients undergoing rotator cuff repairs across multiple health domains.”
The Journal of Shoulder and Elbow Surgery (accepted in press)
2. Schumaier, A., Abboud J., Grawe B., Horneff, J., Getz, C., Williams, G., Ramsey M., Namdari, S., Romeo A., Nicholson, G., Keener, J., Richard Friedman, R., Yian, E., **Muh**, S., Delaney, R., Otto, R., Levine, W., Tokish, JT., Kazanjian, J., Dines, J., Green, A., Paxton, S., Flanagan, B., Hasan, S., Kaar, S., Miniaci, A., Cuomo, F. Evaluating Glenohumeral Osteoarthritis: The Relative Impact of Patient Age, Activity Level, Symptoms, and Kellgren-Lawrence Grade on Treatment
The Archives of Bone and Joint Surgery 2019 Mar; 7(2) 151 – 160. doi: 10.22038/abjs.2018.30048.1776 (published)
3. Lynch, J., Yu, C., Chen, C., **Muh**, S. Magnetic Resonance Imaging versus Ultrasound in Diagnosis of Distal Biceps Tendon Avulsion
Orthopaedics & Traumatology: Surgery & Research (accepted in press Jan 2019)
4. Okoroha, K., **Muh**, S., Gabbard, M., Evans, T., Roche, C., Flurin, PH., Wright, T., Zuckerman, J. Early Outcomes of Shoulder Arthroplasty According to Gender
Open Access Journal of Shoulder and Elbow Surgery (accepted in press)
5. Patel, R., **Muh**, S., Okoroha, K., Wright, T., Flurin, PH., Roche, C., Zuckerman, J. Results of Total Shoulder Arthroplasty in Patients Under vs. Over Fifty-Five Years of Age: An Analysis of 1,135 Patients with over 2 Years of Follow-up
J Shoulder Elbow Surg. 2018 Dec 24. pii: S1058-2746(18)30719-5. doi: 10.1016/j.jse.2018.09.029. (published) PMID: 30591214

6. Lizzio VA, Blanchett J, Borowsky P, Meldau JE, Verma NN, **Muh S**, Moutzouros V, Makhni EC. Feasibility of PROMIS CAT Administration in the Ambulatory Sports Medicine Clinic With Respect to Cost and Patient Compliance: A Single-Surgeon Experience. *Orthop J Sports Med.* 2019 Jan 22;7(1):2325967118821875. doi: 10.1177/2325967118821875. eCollection 2019 Jan. PMID: 30733973 (published)
7. Okorooha K, Patel R, Jildeh T, Sanchez N, Sweet M, Rill B, Kolowich P, **Muh S**. Pain After Anatomic Total Shoulder Arthroplasty Versus Reverse Total Shoulder Arthroplasty *Orthopaedics* 2019 Jan 30:1-6. doi: 10.3928/01477447-20190125-01(published) PMID: 30707239
8. Sweet, M., Sheena, M., Liu, S., Fisk, F., Lynch, J., **Muh**, S. Clinical characteristics and long-term outcomes after septic arthritis of the native glenohumeral joint: a 20-year retrospective review *Orthopaedics* 2019 Jan 1;42(1):e118-e123. doi: 10.3928/01477447-20181227-01. (published) PMID: 30602050
9. Kadri O, Jildeh TR, Meldau JE, Blanchett J, Borowsky P, **Muh S**, Moutzouros V, Makhni EC. How Long Does It Take for Patients to Complete PROMIS Scores?: An Assessment of PROMIS CAT Questionnaires Administered at an Ambulatory Sports Medicine Clinic *Orthop J Sports Med.* 2018 Aug 14;6(8):2325967118791180. doi: 10.1177/2325967118791180. eCollection 2018 Aug (published) PMID: 30140710
10. Jildeh, T., Okorooha, K., Marshall, N., Amato, C., Trafton, H., **Muh**, S., Kolowich, P. The Effect of Intraoperative Hypothermia on Shoulder Arthroplasty *Orthopaedics* 2018 May 16:1-6/doi: 10.3928/01477447-20180511-02 (published)
11. Ansok C., **Muh S**. Optimal Management of Glenohumeral Osteoarthritis *Orthopaedics Research and Review* 2018; 10: 9-18 (published)
12. Buraimoh A., Okorooha K., Oravec D., Peltz C., Yener Y., **Muh S**. A Biomechanical Comparison of Subscapularis Repair Techniques in Total Shoulder Arthroplasty: Lesser Tuberosity Osteotomy versus Subscapularis Peel *Open Access Journal of Shoulder and Elbow Surgery* doi.org/10.1016/j.jses.2017.11.008 (published) PMID: 30675560
13. Marshall N., Keller R., Okorooha K., Guest J., Yu C., **Muh S.**, Moutzouros V. Radiostereometric Evaluation of Tendon Elongation After Distal Biceps Repair *Open Access Journal for Orthopaedic Sports Medicine, Arthroscopy and Knee Arthroplasty* 2016; 4(11): 1-6
14. Okorooha K., Keller R., Lynch J., Korona J., Rill B., Kolowich P., **Muh S**. Liposomal Bupivacaine Versus Interscalene Nerve Block in Managing Pain After Shoulder Arthroplasty *Journal of Shoulder and Elbow Surgery*: 2016; 25(11): 1742-1748
15. Fortun, C., Streit JJ., Horton S., **Muh S.**, Gillespie R., Gobezie R. Scapular Neck length and implications for reverse total shoulder arthroplasty: An anatomic study of 442 cadaveric specimens. *International Journal of Shoulder Surgery* 2015; 9(2): 38-42
16. Dubrow S., Streit JJ., **Muh S.**, Shishani Y., Gobezie R. Acromial Stress fractures: Correlation with acromioclavicular osteoarthritis and acromiohumeral distance. *Orthopaedics* 2014 Dec 1; 37(12): e1074-9

17. **Muh S.**, Streit J., Shishani Y., Dubrow S., Nowinski RJ., Gobezie R. Biologic Resurfacing of the glenoid with humeral head resurfacing for Glenohumeral Joint Arthritis in the Young Patient. *Journal of Shoulder and Elbow Surgery* 2014 Aug; 23(8): e185-90
18. **Muh S.**, Streit J., Wanner JP., Lenarz C., Shishani Y., Rowland DY., Riley C., Nowinski RJ., Edwards TB., Gobezie R. Early follow-up of reverse total shoulder arthroplasty in patients sixty years of age or younger. *Journal of Bone and Joint Surgery* 2013 Oct 16;95(20): 1877-83
19. Georgiadis AG, **Muh SJ**, Silverton CD, Weir RM, Laker MW. A prospective double-blind placebo controlled trial of topical tranexamic acid in total knee arthroplasty. *Journal of Arthroplasty*. 2013 Sep;28(8 Suppl):78-82
20. **Muh S.**, Streit J., Lenarz C., McCrum C., Wanner JP., Shishani Y., Moragia C., Nowinski RJ., Edwards TB., Warner JP., Walch G., Gobezie R. Resection Arthroplasty for Failed Shoulder Arthroplasty *Journal of Shoulder and Elbow Surgery* 2013, 22(2): 247 – 252.
21. **Muh S.**, Shishani Y., Streit J., Lucas C., Sahgal V., Kraay M., Gobezie R. The Impact of Joint Replacement on Driver Function and Safety. *Open Journal of Orthopaedics* 2012, 2(3): 121 – 125.
22. Szerlip B., **Muh S.**, Streit J., Gobezie R. Glenoid Exposure: Tricks of the Trade. *Seminars in Arthroplasty* 2012, 23(2): 95 – 98.
23. Szerlip B., **Muh S.**, Streit J., Gobezie R. Humeral Fixation in Shoulder Arthroplasty: Does Stem Geometry Matter? *Seminars in Arthroplasty* 2012, 23(2): 103 – 105.
24. Bey M., Peltz C., Ciarelli K., Kline S., Divine G., van Holsbeeck M., **Muh S.**, Kolowich P, Lock T., Moutzouros V. In-Vivo Shoulder Function after Surgical Repair of a Torn Rotator Cuff: Glenohumeral Joint Mechanics, Shoulder Strength, Clinical Outcomes, and their interactions. *The American Journal of Sports Medicine* 2011, 39 (10): 2117 – 29.
25. Newman E., **Muh S.**, Hovhannisyan R., Warzecha C., Jones R., McKeehan W., Carstens R. Identification of RNA-binding proteins that regulate FGFR2 splicing through the use of sensitive and specific dual color fluorescence splicing through the use of sensitive and specific dual color fluorescence minigene assays. *RNA Journal* 2006, 12: 1129 – 1141.
26. **Muh S.**, Hovhannisyan R., Carstens R. A Non-sequence specific Double-stranded RNA Structural Element Regulates Splicing of Two Mutually Exclusive Exons of Fibroblast Growth Factor Receptor 2 (FGFR2) *Journal of Biological Chemistry* 2002, 277(51): 550143 – 50154.

BOOK CHAPTERS

1. **Muh S.**, Gobezie R. Chapter 32. Complications of Reverse Shoulder Arthroplasty Orthopaedic Knowledge Update: Shoulder and Elbow 4.

PRESENTATIONS

National or International

1. Taylor, K., Kuhlmann, N., Sheena, G., **Muh**, S. External Beam Radiation Therapy and its Impact on Surgical Outcomes in Patients Undergoing Shoulder Procedures: A Retrospective Study
International Congress of Shoulder and Elbow Surgery (ICSES) Meeting. September 2019 – Buenos Aires, Argentina
2. Fidai, M., Marshall NE, Guest JM, Okoroha KR, **Muh** S, Makhni EC, Keller RA, Moutzouros V. Strength Changes Associated with Elongation in Distal Biceps Tendon Repair.
American Academy of Orthopaedic Surgeons Annual Meeting – March 2018 – New Orleans, La
3. Ansok C., **Muh** S. Objective Assessment of Sleep Quality Does Not Correlate with Subjective Measures in Patients with Rotator Cuff Tears
The American Shoulder and Elbow Society Annual Meeting – October 2017 – New Orleans, La
4. Strength Changes Associated with Elongation in Distal Biceps Tendon Repair
Moutzouros VM, Marshall NE, Guest JM, Okoroha KC, **Muh** S, Makhni E, Keller R
The American Orthopaedic Society for Sports Medicine. July 2017 – Toronto, CA
5. Okohora K., Keller R., Lynch J., Korona J., Rill B., Kolowich P., **Muh** S. Liposomal Bupivacaine Versus Interscalene Nerve Block in Managing Pain After Shoulder Arthroplasty
American Academy of Orthopaedic Surgeons Annual Meetings (ASES Specialty Day) – March 2017 – San Diego, CA (Finalist for Resident research award)
6. Okohora K., Keller R., Lynch J., Korona J., Rill B., Kolowich P., **Muh** S. Liposomal Bupivacaine Versus Interscalene Nerve Block in Managing Pain After Shoulder Arthroplasty
American Orthopaedic Association Annual Meeting. June 2016 – Seattle, WA
7. Marshall N., Keller R., Guest J., **Muh** S., Moutzouros V. Radiostereometric Evaluation of Tendon Elongation after Distal Biceps Repair
International Congress of Shoulder and Elbow Surgery (ICSES) Meeting. May 2016 – Jeju, Korea
8. Okohora K., Keller R., Lynch J., Korona J., Rill B., Kolowich P., **Muh** S. Liposomal Bupivacaine Versus Interscalene Nerve Block in Managing Pain After Shoulder Arthroplasty
American Academy of Orthopaedic Surgeons Annual Meeting. March 2016 – Orlando, FL
9. Marshall N., Keller R., Guest J., **Muh** S., Moutzouros V. Radiostereometric Evaluation of Tendon Elongation after Distal Biceps Repair
American Academy of Orthopaedic Surgeons Annual Meeting. March 2016 – Orlando, FL
10. Dubrow S., Streit J., Shishani Y., **Muh** S., Rodgers M., Gobezie R. Histopathologic Analysis of the Extra-Articular Portion of the Long Head of the Biceps Tendon and Tenosynovium
American Academy of Orthopaedic Surgeons Annual Meeting. March 2014 – New Orleans, LA
11. **Muh** S., Aandal G., Gillespie R., Robbin M., Gobezie R. Diagnostic accuracy in detecting and classifying pathology in the proximal biceps tendon in standard non-enhanced shoulder MRI Basic Science of Tendon Healing and Regeneration.
International Congress of Shoulder and Elbow Surgery (ICSES) Meeting. April 2013 - Nagoya, Japan.
12. **Muh** S., Szerlip B., Wanner JP., Streit J., Nowinski RJ., Gobezie R. Biologic Resurfacing of the Glenoid with Humeral Head Resurfacing for Glenohumeral Arthritis in the Young Patient.
American Academy of Orthopaedic Surgeons Annual Meeting. March 2013 – Chicago, IL

13. Georgiadis AG, **Muh SJ**, Weir RM, Silverton CD, Laker MW: Topical Tranexamic Acid in Total Knee Arthroplasty.
American Academy of Orthopaedic Surgeons Annual Meeting. March 2013 - Chicago, IL
14. Georgiadis AG, **Muh SJ**, Weir RM, Silverton CD, Laker, MW: Topical Tranexamic Acid in Total Knee Arthroplasty: A Randomized, Double-Blind, Placebo Controlled Trial.
American Academy of Hip and Knee Surgeons Annual Meeting. November 2012 - Dallas, TX
15. Georgiadis AG, **Muh SJ**, Weir RM, Silverton CD, Laker, MW: Topical Tranexamic Acid in Total Knee Arthroplasty: A Randomized, Double-Blind, Placebo Controlled Trial.
Australian Orthopaedic Association Annual Scientific Meeting. October 2012 - Sydney, Australia
16. **Muh S.**, Streit J., Wanner JP., Gobezie R. All-Arthroscopic Outpatient Biological Total Shoulder Resurfacing with Fresh Osteochondral Allograft: Technique and Early Results.
Société Européenne pour la Chirurgie de l'Epaule et du Coude (SECEC) Annual Meeting. September 2013 – Dubrovnik, Croatia
17. **Muh S.**, Szerlip B., Wanner JP., Nowinski R., Gobezie R. Biologic Resurfacing of the Glenoid with Humeral Head Resurfacing for Glenohumeral Arthritis in the Young Patient.
American Academy of Orthopaedic Surgeons Annual Meeting. March 2012 – Chicago, IL
18. Larkin B., **Muh S.**, Sundberg S. The value of a screening hip ultrasound in children presenting with idiopathic clubfoot.
Mid-America Orthopaedic Association. April 2011 – Tuscon, AZ

Regional or Local

1. Tramer, J., Sheena, G., Kuhlmann, N., Muh, S. The impact of arthroscopic rotator cuff repair on golfing performance.
Michigan Orthopaedic Association Annual Meeting. Traverse City, MI – June 2019
2. Klag E., Taylor, K., Kuhlmann, N., Muh, S. Does intravenous dexamethasone improve pain control and reduce the incidence of post-operative nausea and vomiting after shoulder arthroplasty?
Michigan Orthopaedic Association Annual Meeting. Traverse City, MI – June 2019
3. Klag E., Taylor, K., Kuhlmann, N., **Muh**, S. Does intravenous dexamethasone improve pain control and reduce the incidence of post-operative nausea and vomiting after shoulder arthroplasty?
Mid-America Orthopaedic Association Annual Meeting. Miramar, FL - April 2019
4. Fisk, F., Sweet, M., Sheena, G., Liu, S., Lynch, J., **Muh**, S. Clinical characteristics and long-term outcomes after septic arthritis of the native glenohumeral joint: a 20-year retrospective review
Mid-America Orthopaedic Association Annual Meeting. Miramar, FL – April 2019
5. Klag E., Sheena G., Muh S. Does the use of a peri-articular anesthetic cocktail provide adequate pain control following shoulder arthroplasty?
Michigan Orthopaedic Association Annual Meeting – June 2018
6. Okoroha, KC., **Muh S.**, Roche, C., Wright T., Flurin, PH., Zuckerman, J. Early Outcomes of Anatomic Total Shoulder Arthroplasty According to Sex

Michigan Orthopaedic Association Annual Meeting – June 2018

7. **Muh SJ**, Sweet MC, Sheena GJ, Liu S, Lynch J. The Success of Shoulder Arthroplasty as Treatment for Symptomatic Post-Infectious Shoulder Arthritis: A 20-year Retrospective Review.
Michigan Orthopaedic Association Annual Meeting – June 2018
8. Patel R, Okoroha KR, **Muh S**, Roche C, Flurin P, Wright T, Zuckerman J. Results of Total Shoulder Arthroplasty in Patients Under vs. Over Fifty-Five Years of Age: An Analysis of 1,135 Patients with over 2 Years of Follow-up
Michigan Orthopaedic Association Annual Meeting – June 2018
9. Ansok, C., Muh S., Ansok, C., Muh, S. Objective Assessment of Sleep Quality Does Not Correlate with Subjective Measures in Patients with Rotator Cuff Tears
Mid-America Orthopaedic Association Annual Meeting – April 2018
10. Jildeh, T., Okoroha KC., Marshall, N., Amato, C., Trafton, H., Muh, S., Kolowich, P. Effect of Intraoperative Hypothermia on Shoulder Arthroplasty
Mid-America Orthopaedic Association Annual Meeting – April 2018
11. Ansok, C., Muh, S., Title: Objective Assessment of Sleep Quality Does Not Correlate with Subjective Measures in Patients with Rotator Cuff Tears
Michigan Orthopaedic Society Annual Meeting – May 2017
12. Jildeh, T., Okoroha KC., Marshall, N., Amato, C., Trafton, H., Muh, S., Kolowich, P. Effect of Intraoperative Hypothermia on Shoulder Arthroplasty
Michigan Orthopaedic Society Annual Meeting – May 2017
13. Okoroha, KC., Muh S., Roche, C., Wright T., Flurin, PH., Zuckerman, J. Early Outcomes of Anatomic Total Shoulder Arthroplasty According to Sex
Mid-America Orthopaedic Association Annual Meeting – April 2017
14. Ansok, C., Okoroha KC., Muh S. Pain Assessment After Shoulder Arthroplasty: Anatomic Total Shoulder Arthroplasty vs. Reverse Total Shoulder Arthroplasty
Mid-America Orthopaedic Association Annual Meeting – April 2017
15. Lynch, J., Buraimoh M., Orevac D., Peltz C., Yeni, Y., **Muh S**. A Biomechanical Comparison of the Subscapularis Peel and Lesser Tuberosity Osteotomy Techniques in Human Cadaveric Models
Mid-America Orthopaedic Association Annual Meeting – April 2017
16. Marshall N., Keller R., Guest J., **Muh S.**, Moutzouros V. Radiostereometric Evaluation of Tendon Elongation after Distal Biceps Repair
Mid-America Orthopaedic Association Annual Meeting – April 2016
17. Buraimoh M., Orevac D., Peltz C., Yeni, Y., **Muh S**. A Biomechanical Comparison of the Subscapularis Peel and Lesser Tuberosity Osteotomy Techniques in Human Cadaveric Models
Michigan Orthopaedic Society Annual Meeting – May 2015
18. **Muh S.**, Brock S., Deneweth J., Bey M. Dynamic In-Vivo Glenohumeral Joint Mechanics of the Normal, Healthy Shoulder: Dominant versus Non-Dominant Shoulders.
Mid-America Orthopaedic Association Annual Meeting. April 2010 – Austin, TX

ABSTRACTS

1. Klag, E., Kuhlmann, N., **Muh**, S. Does intravenous dexamethasone improve pain control and reduce the incidence of post-operative nausea and vomiting after shoulder arthroplasty?
International Congress of Shoulder and Elbow Surgery (ICSES) Meeting. September 2019 – Buenos Aires, Argentina
2. Fisk, F., **Muh**, S., Jildeh, T., Okoroha, KC., Sheena, G., Blanchett, J., Borowsky, P., Meldau, J., Kuhlmann, N., Moutzouros, V., Makhni, E., PROMIS CAT Forms Demonstrate Early Responsiveness in Patients Undergoing Rotator Cuff Repair across Multiple Health Domains
International Congress of Shoulder and Elbow Surgery (ICSES) Meeting. September 2019 – Buenos Aires, Argentina
3. Tramer, J., Okoroha, K., Kuhlmann N., **Muh**, S. The impact of arthroscopic rotator cuff repair on golfing performance.
International Congress of Shoulder and Elbow Surgery (ICSES) Meeting. September 2019 – Buenos Aires, Argentina
4. Klag E., Okoroha, K., Sheena G., **Muh** S. Does the use of a peri-articular anesthetic cocktail provide adequate pain control following shoulder arthroplasty?
American Academy of Orthopaedic Surgeons Annual Meeting. Las Vegas March 2019
5. **Muh** SJ, Sweet MC, Sheena GJ, Liu S, Lynch J. The Success of Shoulder Arthroplasty as Treatment for Symptomatic Post-Infectious Shoulder Arthritis: A 20-year Retrospective Review.
European Society for Surgery of the Shoulder and the Elbow (SECEC-ESSE). September 2018
6. **Muh**, S., Kadri, O., Jildeh, T., Meldau, J., Blanchett, J., Borowsky, P., Moutzouros, V., Makhni E. How Long Does It Take Patients To Complete PROMIS Scores In The Ambulatory Clinic? An Assessment Of PROMIS CAT Questionnaires Administered In The Ambulatory Sports Medicine Clinic
European Society for Surgery of the Shoulder and the Elbow (SECEC-ESSE). September 2018
7. Ansok C., **Muh**, S. Objective Assessment Of Sleep Quality In Patients With Rotator Cuff Tears
European Society for Surgery of the Shoulder and the Elbow (SECEC-ESSE). September 2018
8. Patel R, Okoroha KR, **Muh** S, Roche C, Flurin P, Wright T, Zuckerman J. Results of Total Shoulder Arthroplasty in Patients Under vs. Over Fifty-Five Years of Age: An Analysis of 1,135 Patients with over 2 Years of Follow-up
Annual Meeting of The American Orthopaedic Association June 2018
9. Patel R, Okoroha KR, **Muh** S, Roche C, Flurin P, Wright T, Zuckerman J. Results of Total Shoulder Arthroplasty in Patients Under vs. Over Fifty-Five Years of Age: An Analysis of 1,135 Patients with over 2 Years of Follow-up
American Academy of Orthopaedic Surgeons Annual Meeting – March 2018
10. **Muh**, S., Lynch J., MRI vs. Ultrasound for the Diagnosis of Distal Biceps Tendon Tears
Société Européenne pour la Chirurgie de l'Epaule et du Coude (SECEC) – September 2017
11. **Muh**, S., Okoroha, KC., Roche, C., Wright T., Flurin, PH., Zuckerman, J. Early Outcomes of Anatomic Total Shoulder Arthroplasty According to Sex

Société Européenne pour la Chirurgie de l'Epaule et du Coude (SECEC) – September 2017

12. **Muh S.**, KC., Roche, C., Wright T., Flurin, PH., Zuckerman, J. Early Outcomes of Reverse Total Shoulder Arthroplasty According to Sex
Société Européenne pour la Chirurgie de l'Epaule et du Coude (SECEC) – September 2017
13. Okoroha K., **Muh S.**, Patel R., Roche C., Flurin PH., Wright T., Zuckerman J. Early Follow-Up of Total Shoulder Arthroplasty in Patients Under Sixty Five Years of Age versus Older than Seventy-Five
American Academy of Orthopaedic Surgeons Annual Meeting. March 2017
14. Okohora K., Keller R., Lynch J., Korona J., Rill B., Kolowich P., **Muh S.** Liposomal Bupivacaine Versus Interscalene Nerve Block in Managing Pain After Shoulder Arthroplasty
129th Annual Meeting of The American Orthopaedic Association. June 2016
15. Marshall N., Keller R., Guest J., **Muh S.**, Moutzouros V. Radiostereometric Evaluation of Tendon Elongation after Distal Biceps Repair
American Academy of Orthopaedic Surgeons Annual Meeting. March 2016
16. **Muh S.**, Streit J., Wanner JP., Gobezie R. All-Arthroscopic Outpatient Biological Total Shoulder ReSurfacing with Fresh Osteochondral Allograft: Technique and Early Results.
International Congress of Shoulder and Elbow Surgery (ICSES) Meeting. April 2013
17. **Muh S.**, Wanner JP., Horton S., Rowland D., Shishani Y., Gobezie R. Clinical Outcomes of Sub-Pectoral Biceps Tenodesis with Cortical Button Fixation.
International Congress of Shoulder and Elbow Surgery (ICSES) Meeting. April 2013
18. Streit, J., **Muh S.**, Wanner JP., Gillespie R., Gobezie R. A prospective randomized study of medialized versus lateralized center of rotation reverse shoulder arthroplasty: A clinical and radiographic analysis.
International Congress of Shoulder and Elbow Surgery (ICSES) Meeting. April 2013
19. Fortun C., Streit J., Horton S., **Muh S.**, Gillespie R., Gobezie R. Scapular Neck Length and Implications for Reverse Shoulder Arthroplasty: An Anatomic Study of 442 Cadaveric Specimens.
International Congress of Shoulder and Elbow Surgery (ICSES) Meeting. April 2013
20. Solomon J., **Muh S.**, Wanner JP., Wilber J., Victoroff B., Gobezie R., Gillespie R. Cost Analysis of Hemiarthroplasty versus Reverse Shoulder Arthroplasty for Fractures in the Elderly.
American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting – March 2013
21. **Muh S.**, Aandal G., Gillespie R., Robbin M., Gobezie R. Diagnostic accuracy in detecting and classifying pathology in the proximal biceps tendon in standard non-enhanced shoulder MRI Basic Science of Tendon Healing and Regeneration.
Closed American Shoulder and Elbow Society Annual Meeting – October 2012
22. Streit J., **Muh S.**, Wanner JP., Gillespie R., Gobezie R. Medialized versus lateralized center of rotation in reverse shoulder arthroplasty
Closed American Shoulder and Elbow Society Annual Meeting – October 2012
23. Wanner JP., **Muh S.**, Horton S., Gillespie R., Gobezie R. Clinical Outcomes of Open Subpectoral Biceps Tenodesis
Closed American Shoulder and Elbow Society Annual Meeting – October 2012

24. **Muh S.**, Wanner JP., Gillespie R., Gobezie R. The Incidence of Acromial Stress fractures In Reverse Total Shoulder Arthroplasty.
Société Européenne pour la Chirurgie de l'Epaule et du Coude (SECEC) – September 2012
25. **Muh S.**, Szerlip B., Wanner JP., Nowinski R., Gobezie R. Biologic Resurfacing of the Glenoid with Humeral Head Resurfacing for Glenohumeral Arthritis in the Young Patient.
Société Européenne pour la Chirurgie de l'Epaule et du Coude (SECEC) – September 2012
26. **Muh S.**, Aandal G., Gillespie R., Robbin M., Gobezie R. Diagnostic accuracy in detecting and classifying pathology in the proximal biceps tendon in standard non-enhanced shoulder MRI Basic Science of Tendon Healing and Regeneration.
Société Européenne pour la Chirurgie de l'Epaule et du Coude (SECEC) – September 2012
27. **Muh S.**, Wanner JP., Horton S., Gobezie R. Clinical outcomes of Biceps Tenodesis.
Société Européenne pour la Chirurgie de l'Epaule et du Coude (SECEC) – September 2012
28. Georgiadis AG, **Muh S.**, Weir R, Silverton, CD, Laker, MW: Topical Tranexamic Acid in Total Knee Arthroplasty: A Randomized, Double-Blind, Placebo Controlled Trial.
Michigan Orthopaedic Society Annual Scientific Meeting, June 2012
29. **Muh S.**, Streit J., Wanner JP., Gobezie R. All-Arthroscopic Outpatient Biological Total Shoulder ReSurfacing with Fresh Osteochondral Allograft: Technique and Early Results.
Arthroscopy Association of North America (AANA) – May 2012
30. **Muh S.**, Streit J., Wanner JP., Shishani Y., Lucas C., Rodgers M., Gobezie R. Histologic Analysis of Biceps Tenosynovitis: Is it Similar to De Quervain's Tenosynovitis?
Arthroscopy Association of North America (AANA) – May 2012
31. **Muh S.**, Shishani Y., Sahgal V., Kraay M., Gobezie R. When are patients driving after Total Shoulder Arthroplasty, and how do they feel about it?
Société Européenne pour la Chirurgie de l'Epaule et du Coude (SECEC) – September 2011
32. Robbin M., Volgelis E., Shishani Y., **Muh S.**, Robezie R. Can MRI Provide Biological Information To Assist in the Diagnosis of SLAP Tears? An Analysis of MRI with IV Gadolinium Confirmed by Arthroscopy.
Société Européenne pour la Chirurgie de l'Epaule et du Coude (SECEC) – September 2011
33. Streit J., Wanner JP., Lenarz C., Shishani Y., **Muh S.**, Lucas C., Edwards T., Gobezie R. Reverse Total Shoulder Arthroplasty In Patients Under Sixty Years of Age: Who Are They, and How Do They Fare?
Société Européenne pour la Chirurgie de l'Epaule et du Coude (SECEC) – September 2011
34. Lenarz C., Streit J., Shishani Y., Bragdon C., **Muh S.**, Malchau H., Gobezie R. In-Vivo Glenoid Polyethylene Wear Rates in Total Shoulder Arthroplasty: A Radiostereometric Analysis.
Société Européenne pour la Chirurgie de l'Epaule et du Coude (SECEC) – September 2011
35. Streit J., Wanner JP., Lenarz C., **Muh S.**, Shishani Y., Lucas C., Rodgers M., Murthy P., Gobezie R. Histologic analysis of biceps tenosynovitis: Is it similar to De Quervain's tenosynovitis?
Société Européenne pour la Chirurgie de l'Epaule et du Coude (SECEC) – September 2011
36. **Muh S.**, Brock S., Deneweth J., Bey M. Dynamic In-Vivo Glenohumeral Joint Mechanics of the Normal, Healthy Shoulder: Dominant versus Non-Dominant Shoulders.
Michigan Orthopaedic Society Annual Meeting – June 2010

37. **Muh S.**, Brock S., Deneweth J., Bey M. Dynamic In-Vivo Glenohumeral Joint Mechanics of the Normal, Healthy Shoulder: Dominant versus Non-Dominant Shoulders.
Orthopaedic Research Society – February 2010

OTHER INTERESTS

1. South Oakland Shelter Volunteer – 2014, 2015
2. United Methodist Church Rummage sale – 2016, 2017
3. Rugby – 2006 Team Physician USA Hawks – North American 4; Columbus, Ohio