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| E-mail ahsobhmd@gmail.com |
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| **EMPLOYMENT** |

2021-present **Michigan Orthopedic Surgeons,** Southfield, West Bloomfield, Royal Oak MI Department of Orthopedic Surgery, Staff Physician 2021-present **Beaumont Orthopedic Institute,** Royal Oak, MI  Department of Orthopedic Surgery, Staff Physician 2021-present **Oakland University William Beaumont School of Medicine**Clinical Instructor and Core Faculty 1/2020-present **M3 Global Research** Medical Research Survey Consultant 7/2018-6/2020 **Beaumont Health System Department of Orthopaedic Surgery**, Canton, MI Staff Physician- Beaumont Canton Orthopedic and Sports Acute Injury Clinic 7/2017-6/2020 **Beaumont Health System Department of Orthopaedic Surgery**, Taylor, MI Staff Physician- Beaumont Taylor Orthopedic and Sports Acute Injury Clinic1/2015-7/2015 **Professional Education Services Group LLC,** Burton, MISubstitute Teacher6/2012-8/2012 **Wayne State University School of Medicine**, Detroit, MI AnatomyProsector6/2008-6/2012 **Cedarland Restaurant**, Detroit, MI **TRAINING/EDUCATION**  |

2020-2021 **Rush University Medical Center, Department of Orthopaedic Surgery, Division of Adult Reconstruction**, Chicago, IL

 Orthopaedic Surgery Adult Reconstruction Fellow

2015-2020 **Beaumont Health System Department of Orthopaedic Surgery**, Royal Oak, MI

 Orthopaedic Surgery Resident Physician

2011-2015 **Wayne State University School of Medicine**, Detroit, MI

 Medical Doctor

2008-2011 **Wayne State University,** Detroit, MI

 Bachelors of Science in Biology with Departmental Honors

University Honors Co-Major

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| **APPOINTMENTS** |

2022-present **Instructor of Orthopaedic Surgery** Oakland University William Beaumont School of Medicine2021-present **Resident Selection Committee**Beaumont Health, Department of Orthopedic Surgery Residency Program2021-present **Clinical Competency Committee**Beaumont Health, Department of Orthopedic Surgery Residency Program

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| **CONSULTING AGREEMENTS** |

2021 DonJoy Orthopedics**LICENSURE/CERTIFICATION** |

2022 Zimmer ROSA Certification 2021 Stryker MAKOplasty Certification 2021 Michigan Medical License 2020 American Board of Orthopaedic Surgery- Part 1 Certification 2020 Illinois Medical License 2020 Illinois Controlled Substance License2019 Basic Cardiac Life Support certification2018 Michigan Permanent Medical License  Michigan Controlled Substance 3 License  Michigan DEA License 2017 Advanced Cardiac Life Support certification 2015 Michigan Educational Limited License  Michigan Controlled Substance License Michigan Educational Limited License 2013 United States Medical License Examination (Identification number 53020202) 2012 Basic Cardiac Life Support certification

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| **PROFESSIONAL MEMBERSHIP** |

2018-present American Association of Hip and Knee Surgeons- Surgeon-in-Training Member 2018-present Michigan Orthopaedic Society- Resident Member 2015-present American Academy of Orthopaedic Surgeons- Resident member 2011-present Phi Beta Kappa Academic Society 2011-present National Arab American Medical Association2011-present American Medical Association2011-2015 American Medical Student Association2009-2011 Golden Key National Honor Society2008-2015 National Society of Undergraduate and Graduate Scholars- Michigan Chapter  |
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|  | **AWARDS/HONORS** |

**2020 Orthopaedic Knowledge Award: 100th Percentile 2019 National Orthopaedic In-Training Exam**

2019 *JAAOS* *Podcast* Featured Article- *Evaluation of the Painful TKA* <https://journals.lww.com/jaaos/pages/podcastepisodes.aspx?podcastid=1>

**2019 Orthopaedic Knowledge Award: 100th Percentile 2018 National Orthopaedic In-Training Exam**

2018 Current Concepts Foundation: Current Concepts in Joint Replacement (CCJR) Scholarship

**2018 Michigan Orthopaedic Society Annual Scientific Meeting Best Paper Award, 1st Place**

**Sobh A**, Siljander M, Kouiter D, Moore D, Karadsheh M. Cost Analysis, Complications, and Discharge Disposition Associated With Simultaneous vs Staged Bilateral Total Knee Arthroplasty. J Arthroplasty. 2018 Feb;33(2):320-323.

**2018 *Orthopedics* Blue Ribbon Article Award for Outstanding Contribution to the Orthopaedic Literature**

**Sobh A**, Mells A, Koueiter D, Karadsheh M. The Role of Aspirin and Unfractionated Heparin Combination Therapy Immediately after Total Hip and Knee Arthroplasty. Orthopedics. 2018 May 1;41(3):171-176. Doi: <https://doi.org/10.3928/01477447-20180320-08>

2018 Cross Mark article in the *Journal of Arthroplasty*

**Sobh A**, Siljander M, Kouiter D, Moore D, Karadsheh M. Cost Analysis, Complications, and Discharge Disposition Associated With Simultaneous vs Staged Bilateral Total Knee Arthroplasty. J Arthroplasty. 2018 Feb;33(2):320-323.

2018 Featured Article in *Orthopedics*

**Sobh A**, Mells A, Koueiter D, Karadsheh M. The Role of Aspirin and Unfractionated Heparin Combination Therapy Immediately after Total Hip and Knee Arthroplasty. Orthopedics. 2018 May 1;41(3):171-176. Doi: <https://doi.org/10.3928/01477447-20180320-08>

2018Featured article in AAOS Headline News Now. 2018 May 23. Doi: <http://pages.aaos.org/index.php/email/emailWebview?mkt_tok=eyJpIjoiWldObE9EZ3hNV1F5TW1JdyIsInQiOiJEdjBvUmNaamdcL3Y2ZDQ3NW5MenhkMmJKdGJmZFBoeXJ2TkZJc2tLSENXTFBNdXF2Z05TaU8wSEd5TW1BS2VFeTFMRlArSTZqSUQwSHNyQUY3b0Z5WVMyTnpoQmNMWWJuV2JEajF3OUZKcGhPNU1aSUhRNVgxTG1MMmZqVm4yTFYifQ%3D%3D>

 **Sobh A**, Mells A, Koueiter D, Karadsheh M. The Role of Aspirin and Unfractionated Heparin Combination Therapy Immediately after Total Hip and Knee Arthroplasty.

2017 AAHKS Annual Resident Arthroplasty Course Scholarship

 DePuy Synthes Orthopaedic Education Grant

2016 Stryker Orthopaedics Educational Research Grant

2015 Palmer Award in Orthopaedic Surgery

 Distinction in Biomedical Research

 Penfil-Tischler Award

 Board of Governors Medical Dean Scholarship

2014 Golden Key International Honour Society Inductee

 Alpha Omega Alpha Medical Honor Society Nominee

 Ibn Sina Endowed Scholarship

2013 Board of Governors Medical Dean Scholarship

 Wayne State University Student Activities Award

 Dean’s Distinguished Leadership Award

 Wayne State University School of Medicine Honor Award

2011 Wayne State University Honors College Scholarship

 Summa Cum Laude Inductee

 Phi Beta Kappa Inductee

2008-2011 Wayne State University Dean’s List

2008 Presidential Scholarship, Wayne State University

 All-Academic Baseball Award

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| **PROFESSIONAL DEVELOPMENT**  |

2019 Synthes Future Leaders Advanced Techniques in Joint Arthroplasty, West Palm Beach, FL

 Smith and Nephew Surgical Approaches in Internal Fixation (SAIF) Course, Memphis, TN

 Zimmer Advanced Hip and Knee Arthroplasty Course, Chicago, IL

 Stryker Makoplasty Surgical Training Lab, Royal Oak, MI

 DePuy Attune Revision TKA Course, Royal Oak, MI

 Smith and Nephew Hip Arthroscopy Course, Royal Oak, MI

2018 Current Concepts Foundation: Current Concepts in Joint Replacement, Orlando, FL

Arthrex Sports Medicine Symposium, Troy, MI

Zimmer Persona TKA BioSkills Course, Royal Oak, MI

 AAHKS Annual Resident Arthroplasty Course, Dallas, TX

 DePuy Synthes Future Leaders Arthroplasty Senior Resident Course, Palm Beach, FL

 Zimmer Biomet National Residents Course- The Continuum of Care, Chicago, IL

 MicroPort Orthopedics Education, Royal Oak MI

 Michigan Orthopaedic Society Annual Orthopaedic Trauma Program, Plymouth, MI

 Mid-America Orthopaedic Association Annual Meeting, San Antonio, TX

 AAOS Hip and Knee Course for Residents, Long Beach, CA

 Michigan Orthopaedic Society Annual Scientific Meeting, Mackinaw Island, MI

2017 AO Basics Fracture Course, La Jolla, CA

 AAHKS Annual Resident Arthroplasty Course, Dallas, TX

 AAHKS Annual meeting, Dallas, TX

2016 Principles of Fracture Care, Kalamazoo, MI

 Michigan Orthopaedic Society Annual Meeting, Mackinac Island, MI

2015 Dallas Orthotics and Prosthetics Course, Dallas TX

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| **ADMINISTRATIVE SERVICES** 2018-2020 Beaumont Health Radiation Safety Committee, Orthopaedic Representative Beaumont Health House Officer Council, Royal Oak Representative  Beaumont Hospital Graduate Medical Education Committee Representative 2017-2020 Resident Admissions Committee, Department of Orthopedic Surgery 2016-2017 Residents as Teachers, William Beaumont Hospital, Royal Oak, MI2011-2015 Treasurer & Representative**,** National Arab American Medical Association2009-2015 Medical School Representative and Senator at Large, Student Senate 2012-2013 Cass Clinic Coordinator, Detroit, Michigan2012 Wayne State University Executive Student Senate2009 Microbiology Supplemental Instruction Leader, Wayne State University2008-2011 Arab-American Student Organization President, Wayne State University  |
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| **RESEARCH ABSTRACTS/PUBLICATIONS** |

**Sobh A**, Mells A, Koueiter D, Karadsheh M. The Role of Aspirin and Unfractionated Heparin Combination Therapy Immediately after Total Hip and Knee Arthroplasty. Orthopedics. 2018 May 1;41(3):171-176.

**Sobh A**, Siljander M, Kouiter D, Moore D, Karadsheh M. Cost Analysis, Complications, and Discharge Disposition Associated With Simultaneous vs Staged Bilateral Total Knee Arthroplasty. J Arthroplasty. 2018 Feb;33(2):320-323.

**Sobh A**, Brown L, Moore D. Intramuscular Hemangioma after Total Hip Arthroplasty: An Iatrogenic Etiology. Arthroplasty Today. 2017 Dec. Doi: <https://doi.org/10.1016/j.artd.2017.11.010>

Flierl M, **Sobh A**, Culp B, Sporer S. Evaluation of the Painful Total Knee Arthroplasty. J Am Acad Orthop Surg. 2019;27:743-751.

Siljander M, **Sobh A**, Baker K, Baker A, Kaplan L. Multidrug-Resistant Organisms in the Setting of Periprosthetic Joint Infection—Diagnosis, Prevention, and Treatment. J Arthroplasty. 2018 Jan;33(1):185-194.

Jaafar S, **Sobh, A.**, Legakis, J., Thomas, R., Jones, E. Four Weeks in Hip Spica for Femoral Shaft Fx is Enough. J Pediatr Orthop. 2016 Oct-Nov;36(7):680-4.

Lombardo DJ, Siljander M, **Sobh A**, Moore D, Karadsheh M. Periprosthetic Fractures About Total Knee Arthroplasty. Musculoskelet Surg 2019 Oct 23. Doi:10.1007/s12306-109-00628-9 [Epub ahead of print]

Patel N, Buzas D, **Sobh A**, Owashi E, Patel N. Posterior Spinal Adiposity and Risk of Infection with Lumbar Fusion. The Spine Journal. 2014 Nov;14(11):S172.

Siljander M, Gehrke CK, Wheeler SD, **Sobh A,** Moore DD, Flierl MA, Baker EA. Does Taper Design Affect Taper Fretting Corrosion in Ceramic on Polyethylene Total Hip Arthroplasty? A Retrieval Analysis. J Arthroplasty. 2019 Jul;34(7S):S366-S372.e2

Siljander M, Cross J, Koueiter DM, **Sobh A**, Moore D, Karadsheh M. Total Hip or Total Knee Arthroplasty – Which Should be Done First? Orthopedics. 2019 Jun 11:1-4. doi: 10.3928/01477447-20190604-08.

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| **CURRENT RESEARCH** |

**Sobh A**, Halloway C, Patel A, Gerlinger T. Effect of Lateralized Offset Liners on Acetabular Loosening Rates.

*Data collection in progress*

**Sobh A**, Siljander M, Kardsheh M. Management of the Unstable Total Hip.

*Manuscript submitted to Orthopedics*

**Sobh A**, Whaley JD, Moore D. Influence of Payer Type on Disparities in Outcomes following Total Joint Arthroplasty.

*Manuscript pending*

**Sobh A**, Hamid H, El-Zein Z, Kouiter D, Wiater JM. Influence of payer type on disparities in access to care for rotator cuff repair.

*Manuscript submitted to Orthopedics*

**Sobh A**, Diamond S, Koueiter D, Verner J. Comparison of Computer-Assisted Measurement Software versus Intraoperative Estimation Technique in Predicting Acetabular Cup Placement in Total Hip Arthroplasty.

*Manuscript to be submitted to the Journal of Arthroplasty*

Yeni, Y, Oravec D, Kim W, **Sobh A**, Xiao A, Yang E, Divine G, Flynn M. Digital Tomosynthesis (DTS) Based Textural Properties are Associated with Whole Vertebral Fracture Properties.

*Manuscript submitted to Journal of Orthopaedic Research*

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| **RESEARCH PRESENTATIONS** |

Paprosky W, **Sobh A**. Achieving Lasting Fixation with Cementless Total Hip Arthroplasty for All-Comers: Current Concepts in Joint Replacement, 2020 December 10. Orlando, FL, USA

**Sobh A**, Siljander M, Kouiter D, Moore D, Karadsheh M. Cost Analysis, Complications, and Discharge Disposition Associated With Simultaneous vs Staged Bilateral Total Knee Arthroplasty. Beaumont Annual Graduate Research Session, 2019 June 26. Royal Oak, MI, USA.

**Sobh A**, Siljander M, Baker EA, Flierl M, Moore D. Does Taper Design Affect Taper Fretting Corrosion in Ceramic on Polyethylene Total Hip Arthroplasty? A Retrieval Analysis. American Association of Orthopaedic Surgeons, 2019 March 12-16. Las Vegas, Nevada, USA.

**Sobh A**, Siljander M, Baker EA, Flierl M, Moore D. Does Taper Design Affect Taper Fretting Corrosion in Ceramic on Polyethylene Total Hip Arthroplasty? A Retrieval Analysis. Orthopaedic Research Society Annual Meeting, 2019 February 2-5. Austin, Texas, USA.

**Sobh A**, Siljander M, Baker EA, Flierl M, Moore D. Does Taper Design Affect Taper Fretting Corrosion in Ceramic on Polyethylene Total Hip Arthroplasty? A Retrieval Analysis. American Association of Hip and Knee Surgeons, 2018 November 1-4. Dallas TX, USA.

**Sobh A**, Siljander M, Baker EA, Flierl M, Moore D. Does Taper Design Affect Taper Fretting Corrosion in Ceramic on Polyethylene Total Hip Arthroplasty? A Retrieval Analysis. Michigan Orthopaedic Society, 2018 June 22-24. Mackinaw Island, MI, USA.

Siljander M, Cross J, Koueiter DM, **Sobh A**, Moore D, Karadsheh M. Total Hip or Total Knee Arthroplasty – Which Should be Done First? Beaumont Annual Resident Fellow Research Symposium, 2018 May 14. Royal Oak, MI, USA.

**Sobh A**, Mells A, Koueiter D, Karadsheh M. The Role of Aspirin and Unfractionated Heparin Combination Therapy Immediately after Total Hip and Knee Arthroplasty. Beaumont Annual Resident Fellow Research Symposium, 2018 May 14. Royal Oak, MI, USA.

**Sobh A**, Siljander M, Kouiter D, Moore D, Karadsheh M. Cost Analysis, Complications, and Discharge Disposition Associated With Simultaneous vs Staged Bilateral Total Knee Arthroplasty. Beaumont Annual Resident Fellow Research Symposium, 2018 May 14. Royal Oak, MI, USA.

**Sobh A**, Brown L, Moore D. Intramuscular Hemangioma after Total Hip Arthroplasty: An Iatrogenic Etiology. Beaumont Annual Resident Fellow Research Symposium, 2018 May 14. Royal Oak, MI, USA.

**Sobh A**, Siljander M, Kouiter D, Moore D, Karadsheh M. Cost Analysis, Complications, and Discharge Disposition Associated With Simultaneous vs Staged Bilateral Total Knee Arthroplasty. Michigan Summit on Quality Improvement and Patient Safety Forum, 2018 March 28. Troy MI, USA.

**Sobh A**, Siljander M, Kouiter D, Moore D, Karadsheh M. Cost Analysis, Complications, and Discharge Disposition Associated With Simultaneous vs Staged Bilateral Total Knee Arthroplasty. Mid-America Orthopaedic Association, 2018 April 18-21. San Antonio TX, USA

**Sobh A**, Schwark A, Kouiter D, Wiater JM. Influence of payer type on disparities in access to care for rotator cuff repair. Michigan Orthopaedic Society Annual Meeting, 2017 June 16-15. Mackinaw Island MI, USA

**Sobh A**, Schwark A, Kouiter D, Wiater JM. Influence of payer type on disparities in access to care for rotator cuff repair. Michigan Summit on Quality Improvement and Patient Safety, 2017 June 2. Novi MI, USA

**Sobh A**, Schwark A, Kouiter D, Wiater JM. Influence of payer type on disparities in access to care for rotator cuff repair. 47th Annual Residents and Fellows Research Forum, 2017 March 24. Royal Oak MI, USA

Patel N, Buzas D, **Sobh A**, Owashi E, Patel N. Posterior Spinal Adiposity and Risk of Infection with Lumbar Fusion. American Association of Orthopaedic Surgery Annual Meeting, 2015 March 26. Las Vegas NV, USA

**Sobh A**. Biochemanics and Metallurgy in the Total Knee Replacement. Podium presentation at the Wayne State University School of Medicine Department of Orthopaedic Surgery, 2014 September 30. Taylor MI, USA

Patel N, Buzas D, **Sobh A**, Owashi E, Patel N. Posterior Spinal Adiposity and Risk of Infection with Lumbar Fusion. Podium presentation at the Southeast Michigan Center for Medical Education Meadowbrook Hall Research Day, 2014 May 28. Rochester MI, USA

Patel N, Buzas D, **Sobh A**, Owashi E, Patel N. Posterior Spinal Adiposity and Risk of Infection with Lumbar Fusion. Podium presentation at the Detroit Academy of Orthopaedic Surgeons, 2014 May 12. Birmingham, MI, USA

Patel N, Buzas D, **Sobh A**, Owashi E, Patel N. Posterior Spinal Adiposity and Risk of Infection with Lumbar Fusion. Podium presentation at Research Day. Oakwood Hospital Medical Center, 2014 April 16. Dearborn, MI, USA

Patel N, Buzas D, **Sobh A**, Owashi E, Patel N. Posterior Spinal Adiposity and Risk of Infection with Lumbar Fusion. Poster presentation at the Michigan Orthopaedic Society, 2014 June 12-14. Mackinaw Island MI, USA

Patel N, Buzas D, **Sobh A**, Owashi E, Patel N. Posterior Spinal Adiposity and Risk of Infection with Lumbar Fusion. Podium presentation at the Wayne State University School of Medicine Department of Orthopaedic Surgery, 2014 July 29. Taylor MI, USA

Patel N, Buzas D, **Sobh A**, Owashi E, Patel N. Posterior Spinal Adiposity and Risk of Infection with Lumbar Fusion. Poster presentation at the North American Spine Society, 2014 November 12-15. San Francisco CA, USA

Patel N, Buzas D, **Sobh A**, Owashi E, Patel N. Posterior Spinal Adiposity and Risk of Infection with Lumbar Fusion. Poster presentation at the 3rd Annual Detroit Medical Center Graduate Medical Education QuESST Research Day, 2014 March. Detroit MI, USA

Patel N, Buzas D, **Sobh A**, Owashi E, Patel N. Posterior Spinal Adiposity and Risk of Infection with Lumbar Fusion. Poster presentation at the Medical Student Research Symposium, Wayne State University School of Medicine, 2014 February. Detroit MI, USA

Patel N, Buzas D, **Sobh A**, Owashi E, Patel N. Posterior Spinal Adiposity and Risk of Infection with Lumbar Fusion. Poster presentation, Journal of the Michigan State Medical Society Foundation 2014 Poster Competition

Safety Net Health Care and Health Care Reform. Poster presentation at the Blue Cross Blue Shield Health Safety Net Symposium. 2012 June. Detroit MI, USA

**Sobh, A.**, Legakis, J., Thomas, R., Jones, E. Four Weeks in Hip Spica for Femoral Shaft Fractures is Enough. Oral presentation at the Children’s Hospital of Michigan Grand Rounds. 2012 June. Detroit MI, USA

**Sobh, A.**, Legakis, J., Thomas, R., Jones, E. Four Weeks in Hip Spica for Femoral Shaft Fractures is Enough. E-poster presentation at the Pediatric Orthopaedic Society of North America (POSNA) Symposium. 2012 May 16-19. Denver CO, USA

**Sobh, A,** Kang, CM. Identification of Additional *in vitro* Substrates of PknA/PknB in M. tuberculosis. Poster presentation at Wayne State University Undergraduate Research Conference. 2010 June. Detroit MI, USA

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| **ADDITIONAL INTERESTS**  |

Lake/river fishing

Running/sprints

Middle-Eastern Cuisine

Stock investments