

James Paul Hovis, MD

Practice:

TMI Orthopedic Surgery and Sports Medicine Hand and Upper Extremity Surgeon	November 2020 - Present
Arizona Center for Hand to Shoulder Surgery Hand and Upper Extremity Surgeon	October 2019 – October 2020
University of Arizona School Medicine Assistant Professor of Hand and Upper Extremity Surgery	October 2019 –October 2020

Education:

Fellowship Vanderbilt University Medical Center Hand and Upper Extremity Department Nashville, TN	August 2018 – July 2019
Resident Physician University of Maryland Medical System (UMMS) Department of Orthopedics Baltimore, Maryland	July 2014 – June 2018
R Adams Cowley Shock Trauma Center Department of Orthopedics Baltimore, Maryland	July 2013 – June 2018
Internship University of Maryland Medical System (UMMS) Department of Orthopedics Baltimore, Maryland	July 2013 – June 2014
Doctorate of Medicine (M.D.) University of Texas McGovern Medical School (UTH) Houston, Texas	August 2009 – May 2013
Bachelor of Science – Biology, <i>Magna Cum Laude</i> University of Miami Coral Gables, Florida	August 2005 – May 2009

Academic Honors/Grants:

AOA Emerging Leaders	April 2019 – Present
1 st place – Chief Resident Disputations	June 2018
EOA/OREF Resident Travel Grant	August 2017
ASSH/AFSH Annual Meeting Scholarship	July 2017
Foundation of Orthopedic Trauma, Lower Extremity Scholarship	January 2016

Foundation of Orthopedic Trauma, Upper Extremity Scholarship	October 2015
Departmental Scholarship for OITE High Score	December 2014, '15, '16, '17
Alpha Omega Alpha Medical Honor Society	August 2012
Dean's Summer Research Grant	May 2010
Outstanding Achievement in Immunology	Spring 2010
Outstanding Achievement in Neuroscience	Spring 2010
Outstanding Achievement in Developmental Anatomy	Fall 2009
Outstanding Achievement in Gross Anatomy	Fall 2009
UTH Alumni Scholarship Award	Fall 2009
President's Honor Roll	Fall 2008, Spring 2008/2009
Dean's List	Fall 2006/2007
Provost Honor Roll	Fall 2005, Spring 2006/2007
Bowman Foster Ashe Scholarship	August 2005 – May 2009
Ebby Halliday Academic Scholarship	May 2005

Leadership Positions/Volunteer Experience:

AOA Emerging Leaders	April 2019 - present
The Touching Hands Project	August 2018
Residency Academic Curriculum Coordinator	July 2017 – June 2018
AAOS Resident Assembly Education Committee	August 2016 – June 2018
AAOS Resident Assembly Practice Management Committee	August 2016 – June 2018
UMMS House Staff Committee – Orthopedics Representative	July 2015 – June 2018
Oakland Mills High School Football – Physician Game Coverage	July 2015 – June 2018
MedKids Program – School Coordinator	May 2010 – May 2011
American Medical Student Association – Vice President	May 2010 – May 2011
UTH Master Advisory Group – Team Leader	August 2010 – May 2011
UTH Microbiology Laboratory – Teaching Assistant	January 2011 – May 2011
National Youth Leadership Forum on Medicine – Team Leader	May 2010 – July 2010
Anatomy Enrichment Program – Student Teacher	January 2010 – May 2010
Phi Delta Theta Fraternity – Vice President	July 2008 – June 2009
Phi Delta Theta Fraternity – Public Relations Chairman	July 2007 – June 2008
Phi Delta Theta Fraternity – Alumni Chairman	July 2006 – June 2007

Research Positions:

Vanderbilt University Hand and UE Dept. – Fellow Researcher	August 2018 – July 2019
UMMS Dept. of Orthopedics – Resident Researcher	July 2013 – June 2018
UTH Dept. of Orthopedic Surgery – Clinical Research Assistant	September 2012 – May 2013
UTH Dept. of Neurology – Clinical Research Assistant	May 2010 – October 2011
UTH Dept. of Neurosurgery – Laboratory Research Assistant	May 2010 – July 2010

Publications/Posters/Podiums:

Brao K, Greenwell P, Hsu KL, Marinos D, Stains JP, Hovis JP, Joshi M, Shirliff ME, O'Toole RV, Harro JM. "Intraoperative Tobramycin Powder Prevents Enterobacter cloacae Surgical Site Infections in a Rabbit Model of Internal Fixation." *J Orthop Trauma*. 2020 Jun 3. doi: 10.1097/BOT.0000000000001859. Online ahead of print. PMID: 32516196

Hovis JP, Moore-Lotridge SN, Mansour A, Gibson BHY, Weikert DR, Desai MJ, Gebhart SS, Schoenecker JG, Lee DH. “Sterility of Miniature C-arm Fluoroscopy in Hand and Upper Extremity Surgery.” *Journal of Hand and Microsurgery*. 2020 July. doi: 10.1055/s-0040-1714434

Golinvaux NS, Maslow JI, Hovis JP, Lee DH. “Fingertip Injury and Management.” *JBJS Essent Surg Tech*. 2019 Sep 11;9(3):e30. doi: 10.2106/JBJS.ST.19.00008. eCollection 2019 Jul-Sep. PMID: 32021731

Davis DL, Gilotra MN, Hovis JP, Almardawi R, Hasan SA. “Association of Rotator Cuff Tear Patterns and Intramuscular Fatty Infiltration on Magnetic Resonance Imaging.” *Journal of Clinical Imaging Science* 2019 Aug 2;9:38. doi: 10.25259/JCIS_36_2019. eCollection 2019. PMID: 31538036

Hovis JP, Montalvo R, Allison D, Shirliff ME, O’Toole RV, Manson T. “Intrawound Vancomycin Powder Reduces Staph Aureus Surgical Site Infections in a Rabbit Model.” Podium. 2017 Orthopedic Trauma Association Annual Meeting, Vancouver, BC; 2017 Eastern Orthopedic Association Annual Meeting, Miami, FL; 2018 AAOS Annual Meeting, New Orleans, LA.

Hovis JP, Montalvo R, Marinos D, Joshi M, Shirliff ME, O’Toole RV, Manson TT. “Intraoperative Vancomycin Powder Reduces *Staphylococcus aureus* Surgical Site Infections and Biofilm Formation on Fixation Implants in a Rabbit Model.” *J Orthop Trauma* 2018; 32(5):263-268.

Hovis JP, Kish A, Tareen J, Jauregui JJ, Meredith S, Gilotra M, Henn RF, Hasan SA. “Reverse Shoulder Arthroplasty: Understanding the Biomechanics in Relation to Function.” Scientific Exhibit. 2017 AAOS Annual Meeting, San Diego, California.

Jauregui JJ, Hovis JP, Hasan SA. “Characteristics of Rheumatoid Arthritis Patients Undergoing Reverse Shoulder Arthroplasty.” *Journal of Clinical Rheumatology*. May 2017. doi: 10.1007/s10067-017-3679-5

Gilotra MN, Hovis JP, Laurencin CT, Gaenslen ES, Hasan SA. “Floating Shoulder.” *Medscape*. 17 February 2017. <http://emedicine.medscape.com/article/1261072-overview>

Hovis JP, Pensy RA, Eglseder WA, Abzug J. “Characteristics of Radiocarpal Dislocations at a Level 1 Trauma Center: 9 Year Review.” iPoster. ASSH 2017 Annual Meeting. San Francisco, California.

Hovis JP, Case AL, Pensy RA, Eglseder WA, Paryavi E, Abzug JM. “Characteristics of Radiocarpal Dislocations at a Level 1 Trauma Center: 9 Year Review.” Podium. FESSH 2018 Congress. Copenhagen, Denmark; 2019 AAHS Annual Meeting. Palm Desert, CA.

Hovis JP, Akabudike NM. Thumb collateral ligament injury. In, Eltorai A, Akelman E (ed): *Orthopaedic Hand Trauma*. Philadelphia: Wolters Kluwer Health; 2019:102–114.

Sahota P, Hovis JP, Bui TT, Harun N, Grotta J, Savitz S. “Acute Stroke Causes Dynamic Change in Spleen Size Over Time.” *Stroke* Volume 42. Issue 3 (March 2011): e311-e312.

Sahota P, Vahidy F, Hovis JP, Hicks II WJ, Wu TL, Aditya P, Chen Z, Hossein RM, Grotta JC, Savitz SI. “Challenges to Recruiting Stroke Patients Into Cell Therapy Clinical Trials.” *Stroke* Volume 43. Issue 2 (Feb. 2012).

Sahota P, Hovis JP, Bui TT, Harun N, Grotta J, Savitz S. “Acute Stroke Causes Dynamic Change in Spleen Size Over Time.” *2010 University of Texas Medical School at Houston Summer Research Journal*. Volume 24. (2010): 41.

Sahota P, Hovis JP, Bui TT, Harun N, Grotta J, Savitz S. “Acute Stroke Causes Dynamic Change in Spleen Size Over Time.” Poster. University of Texas Medical School at Houston Summer Research Forum 2010, Houston, Texas.

Ongoing Research Projects:

Hovis JP, Weikert D, Lee DH. “Explor™ Modular Radial Head Data Collection.” Vanderbilt University Hand and Upper Extremity Department. Nashville, TN. (*Submitted Hand*)

Sood A, Klein A, Kaveeshwar S, Hovis JP, Enobun B, Hasan SA, Henn RF, Packer JD, Gilotra MN. “An Accurate Method of Measuring Sling Compliance.” University of Maryland Department of Orthopedics. Baltimore, MD. (*Submitted BMC MS Disorders*)

Hovis JP, Gauger E, Desai MJ, Lee DH. “Efficacy of Utilizing 3D Printed Models for Preoperative Surgical Planning of Open Reduction Internal Fixation of Distal Humerus Fractures and Total Elbow Arthroplasty.” Vanderbilt University Hand and Upper Extremity Department. Nashville, TN. (*Submitted JHAM*)

Educational Presentations:

“Glenohumeral Avascular Necrosis” Grand Rounds Case Presentation. March 2018. Baltimore, MD. University of Maryland Department of Orthopedics.

“Anatomy of the Elbow and Forearm.” Educational Presentation. July 2016 & July 2017. University of Maryland Department of Orthopedics.

“Slipped Capital Femoral Epiphysis.” Educational Presentation. June 2016. Baltimore, MD. Johns Hopkins Hospital Department of Pediatric Orthopedics.

“Pediatric Fractures of the Humerus.” Educational Presentation. June 2016. Baltimore, MD. Johns Hopkins Hospital Department of Pediatric Orthopedics.

“Glomus Tumor.” Grand Rounds Case Presentation. January 2016. Baltimore, MD. University of Maryland Department of Orthopedics.

“Talus Extrusion.” Grand Rounds Case Presentation. March 2015. Baltimore, MD. University of Maryland Department of Orthopedics.

“Clubfoot.” Educational Presentation. January 2014. Baltimore, MD. University of Maryland Department of Pediatric Surgery.

“Acute Pancreatitis.” Educational Presentation. May 2012. Houston, Texas. University of Texas Medical School at Houston Department of Pediatrics.

Professional Organizations:

American Orthopedic Association	April 2019 - Present
American Society for Surgery of the Hand	July 2017 – Present
American Academy of Orthopedic Surgeons	July 2013 – Present
Maryland Orthopedic Association	July 2013 – June 2018
Alpha Omega Alpha Medical Honor Society	August 2012 – Present
American Medical Student Association	Spring 2010 – May 2013
American Medical Association	Fall 2009 – May 2013
Student Surgical Association	Fall 2009 – May 2013
Texas Medical Association	Fall 2009 – May 2013

Certifications/Licensure:

ABOS Part 1 Board Exam – Pass	August 2018
BLS (Basic Life Support)	May 2019
ACLS (Advanced Cardiac Life Support)	May 2019
USMLE STEP 3 – Score: 240	March 2014
USMLE STEP 2 CS – Pass	February 2013
USMLE STEP 2 CK – Score: 265	June 2012
USMLE STEP 1 – Score: 260	June 2011