

**Daniel R. Possley DO, MS**

Place of Birth: Oak Park, IL

Orthopedic Spine Surgeon August 2018-Current  
Cornerstone Orthopaedics & Sports Medicine PC  
3455 Lutheran Parkway, Suite 150, Bldg 8  
Wheat Ridge, CO 80033

Orthopedic Surgeon MAJ, MC, USA July 2013-June 2017  
Department of Orthopedics/Rehabilitation  
Carl R. Darnall Army Medical Center  
36065 Santa Fe Ave  
Fort Hood, TX

Orthopedic Surgeon September 2013-May 2014  
Role 3, Bastion Hospital (UK)  
RC Southwest  
Helmand, Afghanistan

**EDUCATION**

Orthopedic Spine fellowship July 2017-June 2018  
William Beaumont Hospital  
Royal Oak, MI

Resident, Department of Orthopedics and Rehabilitation July 2009-June 2013  
San Antonio Uniformed Health Education Consortium (SAUCHEC) Level 1  
Trauma Center  
Fort Sam Houston, TX

Intern, Orthopedic Surgery Service July 2008-2009  
Brooke Army Medical Center  
Fort Sam Houston, TX

Doctor of Osteopathy, 2004-2008  
Midwestern University-Chicago College of Osteopathic Medicine  
Downers Grove, IL

Master of Science, 2000-2002 Summa cum laude  
*Exercise Physiology*  
Benedictine University  
Lisle, IL

Bachelor's of Science, 1996  
Indiana University  
Bloomington, IN

## **BOARD CERTIFICATION**

American Board of Orthopedic Surgery 2015  
Fellow of the American Association of Orthopedic Surgeons (AAOS) 2016

## **LICENSURE**

Colorado Medical License # DR-48640  
Texas Medical License # Q3575  
Michigan Medical License # 5101023044  
Nebraska Medical License #1280 (inactive)

## **PROFESSIONAL SOCIETIES**

American Academy of Orthopedic Surgeons 2008-Present  
North American Spinal Surgeons 2013-Present  
Orthopaedic Trauma Association 2008-Present  
Society of Orthopaedic Military Surgeons 2008-present  
North American Spine Foundation 2015-2017  
Association of Military Surgeons of the United States 2014-2015

## **FACULTY POSITIONS**

*Vice Chair Orthopedic Department* Nov 2018-Current  
Lutheran Hospital/Sisters of Charity Leavenworth-SCL Health  
Wheat Ridge, CO

*Resident Education Director* April 2016-June 2017  
Orthopedic Surgery Residency/San Antonio Uniformed Health Education  
Consortium (SAUCHEC) Carl R. Darnall Army Medical Center  
36065 Santa Fe Ave  
Fort Hood, TX

*Adjunct Faculty*, March 2015-June 2017

Inter-service Physician Assistant Program (IPAP) Graduate School  
Academy of Health Sciences US Army Medical Department Center and School  
Fort Sam Houston, TX

*Assistant Professor of Surgery*, January 2015-June 2017

Department of Surgery  
F. Edward Howard School of Medicine  
Uniformed Services University of the Health Sciences  
4301 Jones Bridge Drive  
Bethesda, MD

*Consultant*, January 2015-June 2017

United States Army Office of the Surgeon General Telemedicine Teleconsultation  
Southern Regional Medical Command  
Fort Sam Houston, TX

*Adjunct Professor* May 2002-July 2004

Benedictine University  
5700 College Rd  
Lisle, IL

## **COMMITTEES**

Lutheran Medical Center Spine Champion  
North American Spine Foundation Spine 10x25 Coalition: Tactical Team

## **PANELS**

Moderator Spine Session: *Society of Military Orthopedic Surgeons* St. Petersburg,  
FL. December 2015  
Beaumont Advanced Techniques and Training: Cervical Myelopathy. New  
Orleans, LA. October 2016

## **EDITORIAL BOARD**

Journal of Academy of Orthopedic Surgeons (JAAOS)-Global Research &  
Reviews 2018-Current  
Military Medicine Associate Editor 2014-Current  
Orthopedics Reviewer 2015-Current

## **MILITARY EXPERIENCE**

203rd Welsh Field Hospital Mission Support Validation/Exercise (HOSPEX)  
Strensall, England 2013  
Defense Medical Services Ethics IV Birmingham, England 2013  
Joint Forces Combat Trauma Management Course 2013  
Extremity War Injury Course 2009  
Combat Casualty Care Course 2008  
AMEDD Officer Basic Course 2004

## **MEDICAL EDUCATION**

SOMOS/AANA Combined Advanced Knee Arthroscopy Course Optimizing Care  
of the “Military Athlete” 2015  
Basic Life Saving Certification 2014-Current  
Advanced Trauma Life Saving Certification 2013-Current  
Advanced Cardiac Life Support Certification 2014-2018  
American College of Surgeons Advanced Surgical Skills for Exposure in Trauma  
Course 2013  
Microvascular Course San Antonio Military Medical Center 2013  
AO Advanced Principles Fracture Management Course 2011  
AO Principles of Fracture Management Course 2010

## **MILITARY AWARDS**

Army Physical Fitness Badge 2016  
Army Commendation Medal 2014  
Afghan Campaign Medal 2014  
NATO International Security Forces Medal Non-Article 5 2014 Army  
Achievement Medal 2013, 2015  
National Defense Service Medal 2008  
Army Service Ribbon 2008  
Global War on Terrorism Medal 2008  
F. Edward Hébert Health Professions Scholarship 2004-2008

## **INVITED LECTURES**

“Combat Orthopedics” William Beaumont Hospital Royal Oak, MI June 2018  
“Pediatric Back Pain” William Beaumont Hospital Royal Oak, MI Dec 2017  
“Back Pain” Musculoskeletal Symposium. Fort Hood, TX Sep 2016

“Neck Pain” Family Medicine Residency Grand Rounds, Fort Hood, TX Aug 2016  
“Military Spine, Spinal Cord Injury” Theater Casualty Care Conference. San Antonio, TX. Feb 2015.  
“Combat Orthopedics” RC Southwest. Helmand, Afghanistan May 2014.

## **CURRENT PROJECTS**

**Possley DR**, Khalil JG, Fischgrund J. Surface Coatings in Orthopedics. Proposal submitted to *JAAOS*.

**Possley DR**, Petfield JL, Blair JA, et al. Spinal Cord and Nerve Root Injuries Sustained by Americans in the Global War on Terrorism. (Manuscript phase)

## **PUBLICATIONS**

**Possley DR**, Luczak SB, Angus A, Montgomery D. T1-T2 Disk Herniation Presenting with Horner Syndrome: A case report with discussion. *JAAOS Glob Res Rev* 2018;2(11):e016. PMID: 30656256

Bedigrew KM, Blair JA, **Possley DR**, Kirk KL, Hsu JR. Comparison of Calcaneal Exposure Through the Extensile Lateral and Sinus Tarsi Approaches. *Foot and Ankle Specialists* 2017; 1-6. E Pub. PMID: 28597687

Burns TC, Stinner DJ, Mack AM, Potter BK, Beer R, Eckel TT, **Possley DR**, et al. Microbiology and Injury Characteristics in Severe Open Tibia Fractures from Combat. *J Trauma Injury, Infection, and Critical Care* 2012;72:1062-1067. PMID: 22491628

**Possley DR**, Blair JA, Schoenfeld AJ, Lehman RA, Hsu JR, the Skeletal Trauma Research Consortium (STReC). Complications Associated with Military Spine Injuries. *Spine J.* 2012;12(9):756-61. PMID: 22100207

Blair JA, **Possley DR**, Petfield JL, Schoenfeld AJ, Lehman RA, Hsu JR, Skeletal Trauma Research Consortium (STReC). Military Penetrating Spine Injuries Compared with Blunt. *Spine J.* 2012;12(9):762- 8. PMID: 22100206

**Possley DR**, Blair, JA, Freedman BA, Schoenfeld AJ, Lehman RA, Hsu JR, Skeletal Trauma Research Consortium (STReC) The Effect of Vehicle Protection on Spine Injuries in Military Conflict. *Spine J.* 2012;12(9):843-8. PMID: 22177925

**Possley DR**, Johnson AJ. Musculoskeletal Injuries Sustained in Modern Army Combatives. *Military Medicine* 2012;177(1):60-63. PMID: 22338982

**Possley DR**, Burns TC, Stinner DJ, et al. Temporary External Fixation is Safe in a Combat Environment. *J Trauma Injury, Infection, and Critical Care* 2010;(69) Suppl. 1:S135-139. PMID: 20622607

Burns TC, Stinner DJ, **Possley DR**, et al. Does the Large Zone of Injury in High-Energy, Combat-Related Open Tibia Fractures Limit the Effectiveness of Rotational Flap Coverage? *Journal of Orthopaedic Trauma* 2010;24(11):697-703. PMID: 20926962

**Possley DR**, Budiman-Mak E, O'Connell, et al. Relationship Between Depression and Functional Measures in Overweight and Obese Persons with Osteoarthritis of the Knee. *J Rehabilitation and Research Development* 2009;46(9):1091-1098. Clinical Trial Registration: [ClinicalTrials.gov](http://ClinicalTrials.gov); Home-Based Exercise and Weight Control Program for Pain Control in Overweight Elderly with Osteoarthritis of the Knee, NCT00126737

## **BOOK CHAPTERS**

**Possley DR**, Schoenfeld AJ. Physical examination of the spine. In: Bono CM, Schoenfeld AJ (Eds). *Orthopaedic Surgery Essentials: Spine, 2nd Edition*. Philadelphia, PA; Wolters Kluwer, 2016.

**Possley DR**, Hadley-Miller N. Genetics in pediatric orthopedics. In: Chapman MW, James MA (Eds). *Chapman's Comprehensive Orthopedic Surgery, Fourth Edition*. Philadelphia, PA: Jaypee Brothers Medical Publishers. (In Press)

## **WEB/MEDIA BASED**

Clinical Practice Guideline: Orthopaedic Trauma: Extremity Fractures. LCDR, Charles J. Osier, LCDR Chris S. Smith, MAJ Daniel J. Stinner, MAJ Jessica C. Rivera, **MAJ Daniel R. Possley**, MAJ Ryan P. Finnan, LTCOL Ken Bode. [http://jts.amedd.army.mil/assets/docs/cpgs/JTS\\_Clinical\\_Practice\\_Guidelines\\_\(CPGs\)/Orthopedic\\_Trauma\\_Extremity\\_Fractures\\_15\\_Jul\\_2016\\_ID56.pdf](http://jts.amedd.army.mil/assets/docs/cpgs/JTS_Clinical_Practice_Guidelines_(CPGs)/Orthopedic_Trauma_Extremity_Fractures_15_Jul_2016_ID56.pdf)

Anderson ER, **Possley DR**. Spinal Orthoses. Orthopedic Knowledge Online Journal 2013;11(2). [http://orthoportal.org/oko/article.aspx?article=OKO\\_SPI047](http://orthoportal.org/oko/article.aspx?article=OKO_SPI047). Accessed February 1, 2013.

Cross JD, **Possley DR**. Extremity Fractures in an Austere Environment. [http://whelessonline.com/ortho/IV.\\_Extremity\\_Fractures\\_in\\_an\\_Austere\\_Environment](http://whelessonline.com/ortho/IV._Extremity_Fractures_in_an_Austere_Environment) Wheelless' Textbook of Orthopaedics 2010. Accessed February 1, 2013.

## **CASE REPORTS**

Napierala MA, Rush J, **Possley DR**, et al. Gangrenous Testicular Torsion Presenting as Refusal to Bear Weight in a 14-Month Old Child. *JBJS Am.* 2011;93:e139(1-3). PMID:22159861

## **POSTERS**

**Possley DR**, Luczak SB, Angus A, Montgomery D. T1-T2 Disk Herniation Presenting with Horner Syndrome: A case report with discussion. William Beaumont Research Day 2018 *Top resident poster*.

Hyatt B, Hassan T, **Possley D**, O'Brien, Alderete J. Femoral Head Anteversion Relative to the Linea Aspera: Axial CT for Orientation of Endoprosthetic Replacement. *American Academy of Orthopedic Surgeons (AAOS) Las Vegas, NV 2015*.

Petfield, J. L., Blair, J.A., **Possley, D.**, Cross-Rivera, J., Lehman, R.A., Hsu, J.R. Spinal Cord and Nerve Root Injuries Sustained by Americans in the Global War on Terrorism. *AAOS/OTA/SOMOS/ORS Extremity War Injuries X: Return to Health and Function*, Washington, D.C. 2015.

Bedigrew KM, Blair JA, **Possley DR**, Kirk KL, Hsu JR. Quantification of the Lateral Calcaneus Exposure through the Extensile Lateral and Sinus Tarsi Approaches. *Orthopaedic Trauma Association (OTA) Phoenix, AZ 2013*.

Hyatt B, Hassan T, **Possley D**, O'Brien, Alderete J. Femoral Neck Anteversion Relative to the Linea Aspera: Measurements of Normal Subjects Using CT. *Society of Skeletal Radiology (SSR) San Antonio, TX 2013*.

Burns TC, Stinner DJ, Mack AW, Potter BK, Beer R, Eckel TT, **Possley DR**, et al. Cultures, Infections, and Injury Characteristics in Severe Open Tibia Fractures From Combat. *Orthopaedic Trauma Association (OTA) San Antonio, TX 2011*.

**Possley DR**, Petfield J, Masini BM, et al. Characteristics of Successfully Published Animal Models in Orthopaedic Spine Literature. *Society of Military Orthopaedic Surgeons (SOMOS) Vail, CO 2010*.

Alderete J, Masini B, **Possley D**, et al. Pseudotumor of Bone Void Filler and Graft Substitute: the search for a benign bone alternative. A case series. *Musculoskeletal Tumor Society (MSTS)* Philadelphia, PA 2010.

Stinner D, Alderete J, **Possley D**, et al. Early Failure of Constrained Total Scapular Endoprosthesis: Options for Revision. A case report and review of the literature. *Musculoskeletal Tumor Society (MSTS)* Philadelphia, PA 2010.

**Possley DR**, Burns TC, Stinner DJ, et al. Temporary External Fixation is Safe in a Combat Environment. *American Academy of Orthopaedic Surgeons (AAOS)*, New Orleans, LA 2010.

**Possley DR**, Wilson C. Traumatic Radial Club Hand. *Society of Military Orthopaedic Surgeons (SOMOS)* Vail, CO 2007.

## **PRESENTATIONS**

Khalil J, **Possley D**, Zakaria H, et al. Ambulation on POD#0 is Associated with Decreased Adverse Events After Elective Lumbar Spine Surgery: Analysis of the Michigan Spine Surgery Improvement Collaborative (MSSIC). *Lumbar Spine Research Society (LSRS)* Chicago, IL 2019.

Khalil J, Zakaria H, **Possley D**, Chang V. Age is Not a Significant Predictor of Adverse Events After Cervical Spine Surgery: Analysis from the Michigan Spine Surgery Improvement Collaborative (MSSIC). *Cervical Spine Research Society (CSRS)* Scottsdale, AZ 2018.

Fleischer MM, Newton M, Hartner S, Gandhi S, **Possley D**, et al. Combinatorial Strategies to Promote Marrow-Derived Mesenchymal Stem Cell Mobilization and In Vivo Bone Formation. *Orthopedic Research Society (ORS)* Austin, TX 2019, *Lumbar Spine Research Society (LSRS)* Chicago, IL 2019.

Gandhi S, **Possley D**, Fahs A, Baker K, Khalil J, Park D. Fusion Rate with Stand-alone Interbody Cage for Adjacent Segment Disease after Anterior Cervical Discectomy and Fusion. *International Musculoskeletal Society (IMS)* Beirut, Lebanon 2018. *American Academy of Orthopaedic Surgeons (AAOS)* Las Vegas, NV 2019.

Khalil J, Zakaria H, **Possley D**, Chang V. Adverse Events and their Risk Factors After Cervical Spine Surgery: Analysis from the Michigan Spine Surgery



Improvement Collaborative (MSSIC). *International Musculoskeletal Society (IMS)* Beirut, Lebanon 2018.

**Possley D**, Baker E, Baker K, Khalil J. Surface Modification of Spine Implants. *International Musculoskeletal Society (IMS)* Beirut, Lebanon 2018.

**Possley DR**. Clinical Perspective on Underbody Blast Injuries. *Second Workshop on Numerical Analysis of Human and Surrogate Response to Accelerative Loading*. Army Research Laboratory (ARL), Aberdeen Proving Grounds, MD January 2016.

Petfield JL, Blair JA, **Possley DR**, Cross-Rivera J, Lehman RA, Hsu JR. Spinal Cord and Nerve Root Injuries Sustained by Americans in the Global War on Terrorism. *Society of Military Orthopaedic Surgeon (SOMOS)*, Scottsdale, AZ 2014.

Hyatt B, Hassan T, **Possley D**, O'Brien, Alderete J. Femoral Neck Anteversion Relative to the Linea Aspera: Measurements of Normal Subjects Using CT. *Society of Military Orthopaedic Surgeons (SOMOS)* Scottsdale, AZ 2014.

Bedigrew KM, Blair JA, **Possley DR**, Kirk KL, Hsu JR. Quantification of the Lateral Calcaneus Exposure Through the Extensile Lateral and Sinus Tarsi Approaches. *Academy of Foot and Ankle Surgeons (AOFAS)* Hollywood, FL 2013.

**Possley DR**, Blair JA, Schoenfeld AJ, Lehman RA, Hsu JR, the Skeletal Trauma Research Consortium (STReC). Complications Associated with Military Spine Injuries. *Society of Military Orthopaedic Surgeons (SOMOS)* San Diego, CA 2011.

Blair JA, **Possley DR**, Petfield JL, Schoenfeld AJ, Lehman RA, Hsu JR, Skeletal Trauma Research Consortium (STReC). Military Penetrating Spine Injuries Compared with Blunt. *Society of Military Orthopaedic Surgeons (SOMOS)* San Diego, CA 2011. *American Academy of Orthopaedic Surgeons (AAOS)* San Diego, CA, 2011.

Burns TC, Stinner DJ, Mack AW, Potter BK, Beer R, Eckel T, **Possley DR**, et al. Cultures, Infections, and Injury Characteristics in Severe Open Tibia Fractures From Combat. *Orthopaedic Trauma Association (OTA)*, San Antonio, TX 2011. *Society of Military Orthopaedic Surgeons (SOMOS)* San Diego, CA 2011.

**Possley DR**, Burns TC, Stinner DJ, et al. Temporary External Fixation is Safe in a Combat Environment. *Advanced Technology Applications for Combat Casualty Care (ATACCC)*, St. Petersburg, FL 2009.