

# Creighton C. Tubb, M.D. Colonel, US Army (retired)

---

## PERSONAL DATA:

ADDRESS: 54 Gruene Park Dr  
New Braunfels, Texas 78130  
TELEPHONE: (830) 625-3481

## PROFESSIONAL QUALIFICATIONS:

2007 Diplomat, American Board of Orthopaedic Surgery  
Recertified through 2027  
2009 ABOS Subspecialty Certificate in Orthopaedic Sports Medicine  
Recertified through 2027  
Additional: Basic Cardiac Life Support

## EMPLOYMENT HISTORY:

May 2017 – present Orthopaedic Surgeon  
New Braunfels Orthopaedic Surgery & Sports Medicine  
New Braunfels, Texas  
Jul 2013 – May 2017 Staff Orthopaedic Surgeon  
Brooke Army Medical Center  
Joint Base San Antonio - Fort Sam Houston, Texas  
Aug 2010 – Jun 2013 Staff Orthopaedic Surgeon  
Madigan Army Medical Center  
Joint Base Lewis-McChord, Washington  
Oct 2011 – Apr 2012 PROFIS: 10<sup>th</sup> Combat Support Hospital (62<sup>nd</sup> Medical Brigade)  
*Deployed Operation Enduring Freedom / Operation Herrick (UK)*  
*United Kingdom Role 3 Combat Hospital, Camp Bastion, Helmand Province, Afghanistan*  
Aug 2009 – Jul 2010 Orthopaedic Surgery Fellow – Adult Reconstruction  
Cleveland Clinic Foundation  
Cleveland, Ohio  
Jul 2005 – Jul 2009 Staff Orthopaedic Surgeon  
Carl R. Darnall Army Medical Center  
Fort Hood, Texas  
Oct 2005 – Apr 2006 PROFIS: 10<sup>th</sup> Combat Support Hospital (30<sup>th</sup> Medical Brigade)  
*Deployed Operation Iraqi Freedom*  
*Ibn Sina Hospital, Baghdad, Iraq*  
Jul 2001 – Jun 2005 Orthopaedic Surgery Resident  
Madigan Army Medical Center  
Fort Lewis, Washington  
Jul 1999 – Jun 2001 General Medical Officer  
USAHC Friedberg, Germany, July 1999-June 2001  
PROFIS: 2-37 Armor Battalion (Battalion Surgeon)  
1<sup>st</sup> Brigade, 1<sup>st</sup> Armor Division  
Jul 1998 – Jun 1999 General Surgery Intern  
Madigan Army Medical Center  
Fort Lewis, Washington

## **ACADEMIC APPOINTMENTS:**

|                      |  |
|----------------------|--|
| Sep 2017 – present   | Adjunct Assistant Professor, Long School of Medicine<br>The University of Texas Health Science Center at San Antonio                     |
| Feb 2007 – June 2017 | Adjunct Assistant Professor of Surgery, The Norman M. Rich Department of Surgery<br>Uniformed Services University of the Health Sciences |
| Oct 2010 – June 2017 | Assistant Professor<br>Doctor of Science in Physician Assistant Studies – Clinical Orthopaedics Program<br>Baylor University             |

## **LICENSURE:**

State of Texas Medical License

State of Ohio Medical License

## **EDUCATION:**

|             |  |
|-------------|--|
| 2009 – 2010 | Fellowship, Orthopaedic Surgery - Adult Reconstructive Surgery<br>Cleveland Clinic Foundation, Cleveland, Ohio |
| 2001 – 2005 | Residency, Orthopaedic Surgery<br>Madigan Army Medical Center, Tacoma, Washington                              |
| 1998 – 1999 | Internship, General Surgery<br>Madigan Army Medical Center, Tacoma, Washington                                 |
| 1994 – 1998 | University of Texas Southwestern at Dallas, Texas<br>Doctor of Medicine  |
| 1990 – 1994 | United States Military Academy, West Point, New York<br>Bachelor of Science Degree                             |

## **ADDITIONAL TRAINING:**

|          |  |
|----------|--|
| 2014     | Stanford Faculty Development Program – Clinical Teacher Course, Fort Sam Houston, Texas  |
| 2010     | U.S. Army Command and General Staff College Intermediate Level Education Core Course,<br>distance education through Fort Leavenworth, Kansas |
| Sep 2005 | Combat Extremity Surgery Course, Fort Sam Houston, Texas   |
| Jun 2005 | Combat Extremity Surgery Course, Fort Gordon, Georgia  |
| 2001     | U.S. Army Officer Advanced Course, Fort Sam Houston, Texas   |
| 1999     | Combat Casualty Care Course, Fort Sam Houston, Texas   |
| 1995     | U.S. Army Officer Basic Course, Fort Sam Houston, Texas  |
| 1994     | Master Fitness Trainer Course, West Point, New York  |
| 1992     | U.S. Army Airborne School, Fort Benning, Georgia   |

## **ADMINISTRATIVE ASSIGNMENTS / DUTIES:**

|                     |  |
|---------------------|--|
| Sep 2015 – Dec 2016 | Consultant, Orthopaedic Surgery<br>U.S. Army Regional Health Command – Central   |
| Jul 2013 – Dec 2016 | Vice Chairman, Department of Orthopaedic Surgery<br>Brooke Army Medical Center, Joint Base San Antonio – Fort Sam Houston, Texas |
| Nov 2014 – Mar 2016 | Clinical Champion, TeamSTEPPS Program<br>Brooke Army Medical Center, Joint Base San Antonio – Fort Sam Houston, Texas            |
| Oct 2012 – Jun 2013 | Consultant, Orthopaedic Surgery<br>U.S. Army Western Regional Medical Command  |

|                     |   |
|---------------------|---|
| Feb 2011 – Jun 2013 | Chief, Orthopaedic Surgery Service<br>Madigan Army Medical Center, Joint Base Lewis-McChord, Washington |
| Oct 2011 – Apr 2012 | Chief, Orthopaedic Surgery<br>UK Role 3 Combat Hospital, Camp Bastion, Helmand Province, Afghanistan    |
| Feb 2008 – Jun 2009 | Chief, Orthopaedic Surgery Service<br>Carl R. Darnall Army Medical Center, Fort Hood, Texas             |

### **PROFESSIONAL HONORS AND AWARDS:**

|      |  |
|------|--|
| 2017 | American Academy of Orthopaedic Surgeons Achievement Award                     |
| 2014 | U.S. Army Surgeon General’s “A” Proficiency Designator                         |
| 2013 | The Order of Military Medical Merit  |
| 2013 | Madigan Army Medical Center Orthopaedic Surgery Residency Educator of the Year |

### **PROFESSIONAL SOCIETIES:**

#### American Orthopaedic Association

1. 2015 – present Active Fellow
2. Jun 2014 Emerging Leaders Program, Montreal, Quebec

#### American Academy of Orthopaedic Surgeons

1. 2009 – present Active Fellow
2. Mar 2018 – Mar 2022 Committee on Evidence-Based Quality and Value
  - Oversight Chair, Osteoarthritis of the Knee Clinical Practice Guideline and Performance Measure work group (Jan 2019 – present)
3. Oct 2016 – Mar 2019 Co-Chair, “Diagnosis and Prevention of Periprosthetic Joint Infections” Clinical Practice Guideline work group  
<https://www.aaos.org/diagnosis&preventionperiprostheticjointinfections>, March 2019
4. Mar 2016 – Mar 2018 Performance Measures Committee
  - Oversight Chair, Surgical Management of Osteoarthritis of the Knee Performance Measures work group (August 2016 – January 2019)
  - Co-author, AAOS Clinical Performance Measures Methodology Document  
[www.aaos.org/uploadedFiles/PreProduction/Quality/Measures/PM%20Methodology%20Final%20-%20July%202017.pdf](http://www.aaos.org/uploadedFiles/PreProduction/Quality/Measures/PM%20Methodology%20Final%20-%20July%202017.pdf) July 2017
5. Mar 2016 – Dec 2016 Surgical Management of Osteoarthritis of the Knee Appropriate Use Criteria Voting Panel (SOMOS Representative)  
Appropriate Use Criteria for Surgical Management of Osteoarthritis of the Knee.  
[www.aaos.org/smoakauc](http://www.aaos.org/smoakauc) 9 December 2016.
6. Jun 2012 – Mar 2016 Adult Reconstruction Hip Program Committee
7. Mar 2014 - Mar 2015 Leadership Fellows Program
8. Apr 2011 – Sep 2014 Management of Hip Fractures in the Elderly Clinical Practice Guideline work group  
The Management of Hip Fractures in the Elderly: Evidence-Based Guideline and Evidence Report. <http://www.aaos.org/research/guidelines/HipFxGuideline.pdf> 8 September 2014.

#### American Association of Hip and Knee Surgeons

1. 2011 – present Active Fellow
2. Mar 2016 – Mar 2020 Evidence Based Medicine Committee

#### Society of Military Orthopaedic Surgeons

1. 2006 – present Active Member
2. 2016 Moderator, 2016 Annual Meeting Adult Reconstruction Session
3. 2015 Moderator, 2015 Annual Meeting Adult Reconstruction Session
4. 2010 Moderator, 2010 Annual Meeting Adult Reconstruction Session

#### Texas Orthopaedic Association

1. 2017 – present Active Member

#### Texas Medical Association / Comal County Medical Society

1. 2017 – present Active Member

## **PEER REVIEWED PUBLICATIONS:**

- Swiggett SJ, Ponce BA, **Tubb CC**. Acute Workplace Hazards in Orthopaedic Surgery: Resident Survey Regarding Splash and Workplace Violence Events. *Journal of Surgical Education* 2020; pending publication
- Tubb CC**, Polkowski GG, Krause B. Diagnosis and Prevention of Periprosthetic Joint Infections. *Journal of the American Academy of Orthopaedic Surgeons* 2020; 28(8): e340-e348. {PMID 31972719}
- Lowry JK, Brox WT, Naas PL, **Tubb CC**, Muschler GF, Dunn WR. Musculoskeletal-based Patient Reported Outcome-Performance Measures, where have we been—where are we going. *Journal of the American Academy of Orthopaedic Surgeons* 2019; 27(13): e589-e595. {PMID 30461520}
- DuPaix JP, Wilding SR, **Tubb CC**, Oh JS, Ryan PM. Dismounted Complex Blast Injuries: Patterns of Remaining Limb Injuries in Patients with Single-limb Lower Extremity Amputations. *Current Orthopaedic Practice* 2018 Jul/Aug; 29(4): 297-301.
- Manner PA, **Tubb CC**, Levine BR. AAOS Appropriate Use Criteria: Surgical Management of Osteoarthritis of the Knee. *Journal of the American Academy of Orthopaedic Surgeons* 2018; 26(9): e194-e197. {PMID 29621052}
- Herzog JP, Arrington ED, **Tubb CC**, Prabhakar G, Zarkadis NJ, Kusnezov NA. Accuracy of radiographic determination of the posterior femoral wall integrity in anterior cruciate ligament reconstruction. *Journal of Orthopaedics* 2018 Feb; 15(2): 324-327. {PMID 29881145}
- Bowman JR, Razi A, Watson SL, Pearson JM, Hudson PW, Patt JC, Ames SE, Leddy LR, Khoury JG, **Tubb CC**, McGwin G, Ponce BA. What Leads to Lead: Results of a Nationwide Survey Exploring Attitudes and Practices of Orthopaedic Surgery Residents Regarding Radiation Safety. *Journal of Bone & Joint Surgery - American* 2018; 100(3): e16. {PMID 29406352}
- Gaunders CL, Hawkinson MP, Tennent DJ, **Tubb CC**. Occlusion Training: Pilot Study for Postoperative Lower Extremity Rehabilitation Following Primary Total Knee Arthroplasty. *US Army Medical Department Journal* 2017; Jul-Sep: 39-43. {PMID 28853118}
- Sheean AJ, Foster JN, Aden JK, **Tubb CC**, Johnson AE, Stinner DJ. Multimedia Campaign Enhances Orthopaedic Patient Perceptions of Healthcare Quality: A Prospective Analysis of Effect at a Military Treatment Facility. *Military Medicine* 2017; 182 (7/8): e1878-e1882. {PMID 28810985}
- Beachler JA, Kopolovich DM, **Tubb CC**, Sayeed SA. Liposomal Bupivacaine in Total Hip Arthroplasty: Do the Results Justify the Cost? *Journal of Orthopaedics* 2017; 14: 161-165. {PMID 28070147}
- Oh JS, **Tubb CC**, Poepping TP, Ryan PM, Clasper JC, Katschke AR, Tuman C, Murray MJ. Dismounted Blast Injuries in Patients Treated at a Role 3 Military Hospital in Afghanistan: Patterns of Injury and Mortality. *Military Medicine* 2016; 181 (9): 1069-1074. {PMID 27612355}
- Keenan AJ, Keenan OJF, **Tubb CC**, Rowlands T, Wood AM, Rowlands T, Christensen, S-E. Ipsilateral fibular transfer as a salvage procedure for large traumatic tibial defects in children in an austere environment. *Journal of the Royal Army Medical Corps* 2016; Jul: 1-3. {PMID 27451421}
- Fischer MM, **Tubb CC**, Brennan JA, Soderdahl DW, Johnson AE. Implementation of TeamSTEPPS at a Level-1 Military Trauma Center. The San Antonio Military Medical Center Experience. *US Army Medical Department Journal* 2015; Oct-Dec: 75-79. {PMID 26606411}
- Brox WT, Roberts KC, Taksali S, Wright DG, Wixted JJ, **Tubb CC**, et al. The American Academy of Orthopaedic Surgeons Evidence-Based Guideline on Management of Hip Fractures in the Elderly. *Journal of Bone & Joint Surgery - American* 2015; 97 (14): 1196-1199. {PMID 26178894}
- Galvin JW, Dannenbaum JH, **Tubb CC**, Poepping TP, Grassbaugh JA, Arrington ED. Infection Rate of Intramedullary Nailing in Closed Fractures of the Femoral Diaphysis following Temporizing External Fixation in an Austere Environment. *Journal of Orthopaedic Trauma* 2015; 29(9): e316-e320. {PMID 25785355}

Reiter MJ, Bui-Mansfield LT, O'Brien SD, **Tubb CC**. Subtrochanteric Femur Fractures: Review of the Complete Pathologic Spectrum with Emphasis on Distinguishing Imaging Features. *Journal of Computer Assisted Tomography* 2015; 39: 47-56. {PMID 25354094}

**Tubb CC**, Oh JS, Do NV, Tai NR, Meissel MP, Place ML. Trauma Care at a Multinational United Kingdom-led Role 3 Combat Hospital: Resuscitation Outcomes from a Multidisciplinary Approach. *Military Medicine* 2014; 179 (11): 1258-1262. {PMID 25373051}

**Tubb CC**, Olomu EA, Campbell C, Sabry, FY, Klika AK, Barsoum WK. Functional outcomes in the young total hip arthroplasty patient. *Current Orthopaedic Practice* 2012; 23(6): 584-589.

Talbot TS, **Tubb CC**, Raymor MT. Get Tight or Get Tweaked: A Case Report of a Both Bone Forearm Fracture Occurring During Parachute Opening. *Journal of Special Operations Medicine* 2002; 2(2): 52-54.

**Tubb CC**, Vermillion D. Chronic Exertional Compartment Syndrome Following Minor Injury to the Lower Extremity. *Military Medicine* 2001; 166(4): 366-368. {PMID 11315483}

### **TEXTBOOK CONTRIBUTIONS:**

Krebs V, **Tubb CC**, Gradisar IM. Modes of Failure in TKA. In: Jacofsky D, Hedley AK, editors. Fundamentals of Revision Knee Arthroplasty: Diagnosis, Evaluation and Treatment. Thorofare, NJ: SLACK, Inc.; 2012

Krebs V, Gradisar IM, **Tubb CC**. Component Removal in Revision THA. In: Jacofsky D, Hedley AK, editors. Fundamentals of Revision Hip Arthroplasty: Diagnosis, Evaluation and Treatment. Thorofare, NJ: SLACK, Inc.; 2012

**Tubb CC**, Elsharkawy K, Barsoum WK. Lateral Unicompartmental Knee Arthroplasty. In: Berend KR, Cushner F, editors. Partial Knee Arthroplasty: Techniques and Optimal Outcomes. Philadelphia: Elsevier; 2011

### **PRESENTATIONS:**

#### **PODIUM:**

Ryan PM, Dupaix J, Oh JS, **Tubb CC**, Wilding SR. Dismounted Complex Blast Injuries: Patterns of associated limb injuries in patients with lower extremity amputations.

*Podium presentation: Extremity War Injuries Symposium 2017*

*Podium presentation: Society of Military Orthopaedic Surgeons 2016 Annual Meeting*

*Podium presentation: Hawaiian Orthopaedic Association 2016 Annual Meeting*

Beachler JA, Kopolovich DM, **Tubb CC**, Sayeed SA. Liposomal Bupivacaine in Total Hip Arthroplasty: Do the Results Justify the Cost?

*Podium presentation: Society of Military Orthopaedic Surgeons 2016 Annual Meeting*

*Podium presentation: The San Antonio Orthopaedic Society 2016 Roy Davis Research Awards Meeting*

Galvin JW, Dannenbaum JH, **Tubb CC**, Poepping TP, Grassbaugh JA, Arrington ED. Infection Rate of Intramedullary Nailing following Damage Control External Fixation in Closed Fractures of the Femoral Shaft (IRB 375560-1).

*Podium presentation: Western Orthopaedic Association 2014 Annual Meeting (Sanford & Darlene Anzel Award)*

*Podium presentation: Society of Military Orthopaedic Surgeons 2013 Annual Meeting*

*Podium presentation: Washington State Orthopaedic Association 2013 Annual Meeting (2<sup>nd</sup> place Resident Paper)*

*Podium presentation: AMSUS 2013 Annual Meeting*

Cunningham CW, Kharod CU, **Tubb CC**, Gross KR, Kragh JF. Evaluation of Prehospital Pelvic Binder Usage in U.S. Military Casualties with Pelvic Fractures. (USAISR PI Number: PI-13-010)

*Podium presentation: Special Operations Medical Association 2014 Annual Meeting*

Wilson DJ, Heida KA, **Tubb CC**, Arrington ED, Rush, RM. Improving Operating Room Efficiency at a Major Military Medical Center (IRB 366522-1).

*Podium presentation: 2013 AMSUS Annual meeting*

**Tubb CC**, Olomu EA, Klika AK, Barsoum WK. Postoperative activity levels and expectations in the less than twenty-two year-old hip arthroplasty patient.

*Podium presentation #45: Mid-America Orthopaedic Society 2011 Annual Meeting*

**Tubb CC**, Arrington ED, Herzog JP, Lee LV. Accuracy of radiographic determination of the posterior femoral wall in anterior cruciate ligament reconstruction.

*Podium presentation: Madigan Army Medical Center Annual Research Day. March 2005.*

#### **POSTER:**

Kharod CU, **Tubb CC**, Gross KR, Kragh JF. Evaluation of Prehospital Pelvic Binder Usage in U.S. Military Casualties with Pelvic Fractures. (USAISR PI Number: PI-13-010)

*Poster presentation: Military Health System Research Symposium. August 2014*

Min KS, Balog TP, **Tubb CC**. Secondary Periprosthetic Fracture about the Femur.

*Poster presentation: Society of Military Orthopaedic Surgeons 2013 Annual Meeting*

Oh JS, **Tubb CC**, Poepping TP, Ryan PM, Clasper JC, Katschke AR, Moyer EP, Tilton DM, Murray MJ. Injury Patterns and Mortality of Complex Dismounted Blast Injuries in Patients Treated at a NATO Role III Facility in Afghanistan.

*Poster presentation: American College of Surgeons Clinical Congress 2013, Poster of Exceptional Merit*

**Tubb CC**, Longaray JA, Herrera L, Essner AP, Molloy RM. The effect of femoral component roughness on the wear of total knee implants.

*Poster presentation #1144: Orthopaedic Research Society 2011 Annual Meeting*

Hsu JR, **Tubb CC**, Holcomb JB. Definitive Orthopaedic Management of Host Nation Wounded in Baghdad, Iraq: Surgical Experience of the 10<sup>th</sup> Combat Support Hospital.

*Poster presentation: Society of Military Orthopaedic Surgeons 2006 Annual Meeting*

#### **INVITED LECTURES:**

**Tubb CC**. "Hip and Knee Replacement: What do you need to know?" *Texas Society of the American College of Osteopathic Family Physicians Regional Meeting; San Marcos, Texas. 20 October 2018.*

**Tubb CC**. "Post-Traumatic Arthritis: The Challenge of this Generation of Combat Veterans." *Society for Arthritic Joint Surgery 2014 Annual Meeting; Napa, California. 25 October 2014.*

**Tubb CC**. "Military Orthopaedic Trauma Surgery: Lessons Learned from Afghanistan & Iraq." *University of Pittsburgh Medical Center Department of Orthopaedic Surgery Grand Rounds; Pittsburgh, Pennsylvania. 17 September 2014.*

**Tubb CC**. "Evaluation and Management of Hip Pain in the Young Adult." *Physician Assistants in Orthopaedic Surgery 2013 Annual Meeting; San Antonio, Texas. 11 September 2013*

**Tubb CC**. "Military Orthopaedic Trauma Surgery: Lessons Learned from Afghanistan & Iraq." *University of California San Francisco Department of Orthopaedic Surgery Grand Rounds; San Francisco, California. 26 September 2012.*

**Tubb CC**. "Role 3 Camp Bastion, Afghanistan: A Surgical Perspective." *United Kingdom Hospex, Mission Specific Validation; Strensall, England. 9 April 2012.*

**Tubb CC**. Course Director, *Combat Extremity Surgery Course, Fort Sam Houston, Texas. 21-22 September 2006*

**Tubb CC**. "Compartment Syndrome, Extremity Wound Debridement, and Amputations." *Combat Extremity Surgery Course; Fort Gordon, Georgia. 23 May 2006.*

#### **SCIENTIFIC PUBLICATION REVIEWS**

|                     |  |
|---------------------|--|
| Jan 2017 – Dec 2018 | Reviewer, Journal of Arthroplasty        |
| Jan 2019 – present  | Editorial Board, Journal of Arthroplasty |
| Feb 2010 – present  | Reviewer, Journal of Knee Surgery        |

#### **MILITARY HONORS AND AWARDS (ORDER OF PRECEDENCE):**

Legion of Merit: 2017  
Bronze Star Medal: 2012

Meritorious Service Medal: 2006, second 2009, third 2013  
Army Commendation Medal: 2001, second 2005  
Army Achievement Medal: 2011  
National Defense Service Ribbon: 1991, second 2001  
Afghanistan Campaign Medal, one campaign service star: 2011 to 2012  
Iraq Campaign Medal, two campaign service stars: 2005 to 2006  
Global War on Terrorism Service Ribbon: 2004  
Army Service Ribbon: 1995  
Overseas Service Ribbon: 2001  
NATO medal, nonarticle 5 – Afghanistan: 2012

Meritorious Unit Commendation Medal:  
2005 – 2006 – 10<sup>th</sup> Combat Support Hospital, 30<sup>th</sup> Medical Brigade, Operation Iraqi Freedom  
2011 – 2012 – 10<sup>th</sup> Combat Support Hospital, Operation Enduring Freedom  
Army Superior Unit Award:  
2002 – 2004 – Madigan Army Medical Center  
2007 – 2009 – Carl R. Darnall Army Medical Center

### **SPORTING EVENTS / TEAMS SUPPORTED:**

May 2017 – present      New Braunfels, Texas area High School Athletic Sports Medicine Program (Director: David W. Starch, M.D.)  
Provide in-school pre-participation screening examinations, football sideline medical coverage, and Saturday all-sport urgent sports medicine care. Teams supported: New Braunfels High School, Canyon High School, Canyon Lake High School, Wimberley High School, Navarro High School, Marion High School, Luling High School, LaVernia High School, Nixon-Smiley High School

Feb 2015                      Chief of Mission / Team Physician, U.S. Armed Forces Para Swimming Team  
Conseil International du Sport Militaire 2015 Para Swimming Open  
Fontainebleau, France

### **CIVIC ORGANIZATIONS / ACTIVITIES:**

City of New Braunfels, Texas

1. Jul 2015 – present      Commissioner, Planning and Zoning Commission
2. Sep 2016 – Jun 2018    Envision New Braunfels Comprehensive Plan 2030 - Parks and Recreation Advisory Panel
3. 2014                      City University

West Point Society of South Texas

1. 2014 – present            Active Member