

Bracken A. Armstrong, MD
Trauma / Critical Care / Acute Care / Burn Surgeon

EDUCATION & TRAINING

VANDERBILT UNIVERSITY MEDICAL CENTER Surgical Critical Care Fellowship Acute Care Surgery Fellowship Burn Surgery Fellowship	NASHVILLE, TN 8/1/2016–7/31/2017 8/1/2016–7/31/2018 8/1/2017–7/31/2018
UNIVERSITY OF NEVADA SCHOOL OF MEDICINE Surgery Internship Surgery Residency	LAS VEGAS, NV 7/1/2011–6/30/2012 7/1/2012–6/30/2016
GEORGETOWN UNIVERSITY SCHOOL OF MEDICINE Doctor of Medicine Honors: Alpha Omega Alpha, <i>Cum laude</i>	WASHINGTON, DC 8/1/2007–5/22/2011
WASHINGTON STATE UNIVERSITY B.S. Biochemistry Honors: <i>Summa cum laude</i> – 3.98 GPA	PULLMAN, WA 8/20/2003–5/14/2007

FACULTY APPOINTMENTS

UNIVERSITY OF SOUTH FLORIDA, MORSANI COLLEGE OF MEDICINE Assistant Professor of Surgery	TAMPA, FL 10/15/2023– <i>Present</i>
WASHINGTON UNIVERSITY IN ST. LOUIS SCHOOL OF MEDICINE Assistant Professor of Surgery	SAINT LOUIS, MO 9/10/2018–6/15/2023
SAINT LOUIS UNIVERSITY SCHOOL OF MEDICINE Assistant Professor of Surgery	SAINT LOUIS, MO 10/9/2018–5/19/2023
VANDERBILT UNIVERSITY MEDICAL CENTER Clinical Instructor in Surgery	NASHVILLE, TN 8/1/2017–7/31/2018

MILITARY EXPERIENCE

UNITED STATES AIR FORCE Current Rank: Lieutenant Colonel	2003– <i>Present</i>	
Active Duty Service:		
Nellis Air Force Base (Las Vegas, NV)	Surgery Resident	2011–2016
C-STARS Saint Louis (Saint Louis, MO)	Physician Program Manager	2018–2023
MacDill Air Force Base (Tampa, FL)	Trauma / CC Surgeon	2023– <i>Present</i>
US Central Command (CENTCOM)	Trauma Medical Director	2024– <i>Present</i>
Deployments:		
Craig Joint Theatre Hospital, Bagram Air Field, Afghanistan		10/2019–6/2020
Position: Trauma Medical Director (Trauma Czar)		
379 th Expeditionary Medical Squadron, Al Udeid Air Base, Qatar		10/2025–1/2026
Position: Trauma Medical Director		

CERTIFICATIONS & LICENSURES

AMERICAN BOARD OF SURGERY (ABS)			
Surgery	# 062014		2016–2027
Surgical Critical Care	# 004156		2017–2028
AMERICAN ASSOCIATION FOR THE SURGERY OF TRAUMA (AAST)			
Acute Care Surgery Certification			2018
VANDERBILT UNIVERSITY MEDICAL CENTER			
Burn Surgery Certification			2018
AMERICAN COLLEGE OF SURGEONS (ACS)			
Advanced Trauma Life Support (ATLS)	Certified, Instructor, Course Director		2015–2029
Advanced Surgical Skills for Exposure in Trauma (ASSET)	Certified, Instructor		2016, 2017
Advanced Operative Trauma Management (ATOM)	Certified, Instructor		2016, 2017
Basic Endovascular Skills for Trauma (BEST)	Certified, Instructor		2018
Disaster Management & Emergency Preparedness (eDMEP)	Certified		2025
AMERICAN BURN ASSOCIATION (ABA)			
Advanced Burn Life Support (ABLS)	Certified, Instructor		2017
SOCIETY OF AMERICAN GASTROINTESTINAL ENDOSCOPIC SURGEONS (SAGES)			
Fundamentals of Laparoscopic Surgery (FLS)	Certified		2016
Fundamentals of Endoscopic Surgery (FES)	Certified		2016
HYPERBARIC MEDICINE PROGRAM OF NATIONAL BAROMEDICAL SERVICES, INC.			
Primary Training in Hyperbaric Medicine	Certified		2022
AMERICAN HEART ASSOCIATION (AHA)			
Basic Life Support (BLS)			2011–2027
Advanced Cardiovascular Life Support (ACLS)			2011–2027
Pediatric Advanced Life Support (PALS)			2025–2027
STATE LICENSURES			
FLORIDA	# ME 164103	ACTIVE	2023–2027
MISSOURI	# 2018020869	INACTIVE	2018–2024
TENNESSEE	# 55671	INACTIVE	2017–2023
VIRGINIA	# 0101256967	ACTIVE	2014–2026
PENNSYLVANIA	# MD452925	INACTIVE	2014–2014
NEVADA	# LL2184	INACTIVE	2011–2016

COMMITTEE SERVICE

UNIVERSITY OF SOUTH FLORIDA / TAMPA GENERAL HOSPITAL			
Trauma Multidisciplinary Peer Review	Member		2023–Present
Trauma Resource Operational Performance Improvement	Member		2023–Present
Trauma Performance Improvement & Patient Safety	Member		2023–Present
Trauma Morbidity & Mortality (M&M) Conference	Member		2023–Present
Surgical/Trauma ICU Quality Improvement	Member		2024–Present
Pediatric Trauma Program Operational Performance Committee	Member		2023–Present
Emergency General Surgery Case Review	Member		2024–Present
Emergency General Surgery Process Improvement	Member		2024–Present
Surgery M&M / Quality Improvement / Grand Rounds	Member		2023–Present
WASHINGTON UNIVERSITY IN ST. LOUIS / BARNES JEWISH HOSPITAL			
Trauma Performance Improvement	Member		2018–2023
Trauma Morbidity & Mortality	Member		2018–2023
Surgical ICU Quality Improvement	Member		2018–2023
Surgical ICU Outcomes	Member		2018–2023
Multidisciplinary Trauma Conference	Member		2022–2023
SAINT LOUIS UNIVERSITY HOSPITAL			

Trauma Performance Improvement	Member	2018–2022
Trauma Morbidity & Mortality	Member	2018–2022
VANDERBILT UNIVERSITY MEDICAL CENTER		
Level 1 Trauma Preparedness Committee	Founding Member	2017–2018
Multidisciplinary Critical Care Fellows Conference	Organizer	2016–2017
MDTC/TPOPPS (Trauma QA/PI)	Member	2016–2018
Burn Center: PI & Patient Safety Program	Member	2017–2018
SICU Process Improvement/Quality Assurance/M&M	Member	2016–2018
Trauma/Emergency Resuscitation Conference	Member	2016–2018
Acute Care Surgery Fellows Conference/M&M	Member	2016–2018

RESEARCH, PUBLICATIONS, PRESENTATIONS, & POSTERS

Gurney JM, Armstrong BA, Martinez JG, et al. Joint Trauma System Clinical Practice Guideline: Transfusion of Type A Whole Blood for the Role 3. 30 May 2025. **Published.**

Armstrong BA, Lorch SM, Diaz JJ. Sternal Fracture Management. Very Special Issue: Rib Fracture Management: *Current Problems in Surgery*. 2025 Mar;64:101725. **Published.**

Brocke T, Armstrong B. Wound Care. In Wise P, Blatnick J, editors. *The Washington Manual of Surgery, 9e*. LWW. December 2023. **Published.**

Oduyale O, Armstrong B, McCool J, Kirby J. Burn Care. In Wise P, Blatnick J, editors. *The Washington Manual of Surgery, 9e*. LWW. December 2023. **Published.**

Armstrong BA. Fear the Fluid Creep: Colloids in Burn Resuscitation. AACN: Emerging Trends in Critical Care Nursing Symposium, Christian Hospital, Saint Louis, MO. March 16, 2023. **Presentation/Speaker.**

Armstrong BA. Burn Care Prior to Transfer. Steven R. Hall Trauma Symposium 2022. Branson, MO. October 4, 2022. **Presentation/Speaker.**

Armstrong BA (contributor). Leads: Lt Col Renée I. Matos and Col Kevin K. Chung. DoD COVID-19 Practice Management Guide: Clinical Management of COVID-19, version 7.0. Defense Health Agency, Department of Defense. March 3, 2021. **Published.**

Armstrong BA. Electrocution, Accidental Hypothermia, and Drowning. Washington University School of Medicine in St. Louis Continuing Medical Education (CME) activity: 27th Annual Refresher Course & Update in General Surgery. Saint Louis, MO. May 2, 2019. **Presentation/Speaker.**

Armstrong, BA. Damage Control Concepts and Principles (Damage Control Resuscitation) Emergency War Surgery Course, 5th Edition. Defense Health Agency, Joint Trauma System Battlefield Educational Program. 2018.

Armstrong BA, Guidry C, May AK. Surgical Complication in the ICU. In Britt LD, Peitzman AB, Barrie PS, Jurkovich GJ, editors. *Acute Care Surgery, 2e*. Philadelphia, PA: Wolters Kluwer. October 2018. **Published.**

Jeskey M, Armstrong B. Kicking Trauma Teams Up a Notch!. American Nurses Credentialing Center (ANCC) Pathway to Excellence Conference. West Palm Beach, FL. May 3, 2018. **Presentation/Speaker.**

Armstrong BA, Betzold RD, May AK. Sepsis and Septic Shock Strategies. *Surg Clin North Am*. 2017 Dec;97(6):1339-1379. **Published**.

Ingalls N, Armstrong B, Hester M, Hatzfeld J, Robinson B, Fortuna G. The Fog of War: Delirium Prevalence in a Combat ICU. *Mil Med*, Mar 2016. 181(3):209-12. **Published**.

Fillmore P, Armstrong B, Johnson M, Tsuda S, Browder T, Fildes J. Fast Track Management of Cholecystitis with Same Day Surgery Reduces Hospital Length of Stay and Health Care Costs. *Journal of Surgical Research*, February 2014; 186 (2):608-609. **Published**.

Armstrong B, Fillmore P, Browder T, Fildes J. Surgical Management of Acute Appendicitis Following Introduction of an Emergency General Surgery Consult Service. 2012. **Poster presented** at University of Nevada Research Day.

Argintar E, Armstrong B, Zawadsky M, Evans B, Romness D. Pain Control Infusion Pumps: A Prospective Randomized Evaluation in Bilateral Total Knee Arthroplasty. *Orthopedics*, March 2011; 34(3):188. **Published**.

Armstrong B, Alfaro J, Zhou Z. Proteomic Analysis of Protein Carboxylic Esters and Serine Protease Substrate Specificity. 2006. **Poster presented** at: WSU College of Sciences Undergraduate Research Poster Competition; Pullman, WA.

Armstrong B, Alfaro J, Zhou Z. Detection of Protein Carboxylic Esters via Hydrazides. 2006. **Poster presented** at: University of Washington: Volcano Conference on Chemical Biology; Pack Forest, WA

CLINICAL EDUCATION, INSTRUCTION, & LECTURES

Advanced Trauma Life Support (ATLS):

Student Course	Las Vegas, NV	6/2011
Refresher Course	Las Vegas, NV	8/2015
Instructor Course	Nashville, TN	5/2017
Faculty/Instructor for Traditional Course	Nashville, TN	6/2017
Faculty/Instructor for Traditional Course	Nashville, TN	9/2017
Faculty/Instructor for Traditional Course	Nashville, TN	2/2018
Faculty/Instructor for Traditional Course	Nashville, TN	4/2018
Faculty/Instructor for Traditional Course	Nashville, TN	6/2018
Faculty/Instructor for Traditional Course	Saint Louis, MO	9/2018
Faculty/Instructor for Refresher Course	Saint Louis, MO	10/2020
Course Director for Traditional Course	Saint Louis, MO	6/2021
Faculty/Instructor for Refresher Course	Saint Louis, MO	11/2021
Faculty/Instructor for Traditional Course	Saint Louis, MO	6/2022
Faculty/Instructor for Refresher Course	Tampa, FL (CAMLS)	5/2025
Faculty/Instructor for Hybrid Course	Tampa, FL (CAMLS)	7/2025

Advanced Trauma Operative Management (ATOM):

Student Course	Nashville, TN	8/2016
Faculty/Instructor for Course	Nashville, TN	5/2017
Faculty/Instructor for Course, multiple	Nashville, TN	2017-18
Faculty/Instructor for Course	Tampa, FL	11/2024
Faculty/Instructor for Course	Tampa, FL	5/2025

Advanced Surgical Skills for Exposure in Trauma (ASSET):

Student Course	Nashville, TN	8/2016
Faculty/Instructor for Course	Nashville, TN	2/2017

Faculty/Instructor for Course, multiple	Nashville, TN	2017-18
Basic Endovascular Skills for Trauma (BEST) and REBOA Refreshers:		
BEST Student Course	Saint Louis, MO	11/2018
Instructor for BEST Course	Saint Louis, MO	8/2019
REBOA Instructor, Sim CTJH ER Staff	Bagram AF, Afghanistan	10/2019
REBOA Instructor, Sim CJTH ICU/ICW	Bagram AF, Afghanistan	11/2019
REBOA Instructor, Sim CTJH Providers	Bagram AF, Afghanistan	12/2019
REBOA Refresher, Student	Saint Louis, MO (BJC)	9/2022
REBOA Refresher, Student	Tampa, FL (TGH)	3/2024
REBOA Refresher, Student	Tampa, FL (TGH)	8/2024
Advanced Burn Life Support (ABLS):		
Student Course	Nashville, TN	3/2017
Instructor Course	Philadelphia, PA	9/2017
Faculty/Instructor for Course, multiple	Nashville, TN	2017-18
Rural Trauma Team Development (RTTDC) Course:		
Instructor	Marathon, FL	6/2025
Hospital Staff Education Course Development:		
Vanderbilt University Medical Center	Nashville, TN	
Peri-operative Emergency Trauma Surgery Workshop for Peri-operative Staff "Trauma cORe Essentials" Workshop		5/2017
Hospital Protocol Development:		
Craig Joint Theatre Hospital	Bagram Air Field, Afghanistan	
Massive Transfusion		10/2019
Trauma Resuscitation Area Team Component & Crowd Control		10/2019
Non-Invasive Positive Pressure Ventilation		10/2019
Intubation & Airway Management: Airway Rapid Response Team		11/2019
Bronchoscopy		11/2019
Low Titer O Whole Blood: Screening, Storage & Transfusion		11/2019
Pre-Walking Blood Bank		11/2019
Trauma Resuscitation Area Camera & Screen Installation		11/2019
Mass Casualty Incident Plan		11/2019
Antibiogram & Antibiotic Stewardship		12/2019
Enteral Nutrition & Feeding Access		12/2019
Enteral Nutrition and Anesthesia		12/2019
Hyperglycemia and Insulin Management		1/2020
COVID19 & Acute Respiratory Distress Syndrome (ARDS) Management		4/2020
WashU/BJH	Saint Louis, MO	
Burn Resuscitation		2/2023
USF/Tampa General Hospital	Tampa, FL	
Chest Wall Fracture Management		7/2024
Lectures / Graduate Medical Education:		
Brooke Army Ortho Resident Conference	San Antonio, TX	10/2009
"Acute Management of Spinal Cord Injury"		
UNLV Resident Orientation	Las Vegas, NV	7/2015
"Recommended Study & Reading Materials for Surgery Residents"		
UNLV Resident Grand Rounds	Las Vegas, NV	4/2016
"Management of Retained Traumatic Hemothorax"		
Vanderbilt PBLD Conference	Nashville, TN	5/2017

“Sepsis Resuscitation”		
Vanderbilt ACS Fellow’s Conference	Nashville, TN	11/2017
“Double Jeopardy – Which Cavity and When?”		
WashU/BJH Anesthesia Retreat	Saint Louis, MO	4/2019
“Anesthesia Considerations in Burn Patients”		
WashU Resident Education Conference	Saint Louis, MO	8/2022
“Esophageal Injury”		
WashU CCM Fellow Conference	Saint Louis, MO	5/2023
“Fear the Fluid Creep: Colloids in Burn Resuscitation”		

Labs / Graduate Medical Education:

WashU Residents & Fellows (WISE Lab)	Saint Louis, MO	
SAVE (Surgery for Abdominal/Thoracic Violence) Trauma Lab		9/2020
SAVE (Surgery for Abdominal/Thoracic Violence) Trauma Lab		9/2021
SAVE (Surgery for Abdominal/Thoracic Violence) Trauma Lab		9/2022
USF Residents & Fellows		
Chest Wall Bioskills Lab	Tampa, FL	12/2024

Expert Panels

Military Health Research Symposium 2025	Orlando, FL	
Joint Trauma System Case Review		8/2025

Joint Trauma System (JTS) Combat Casualty Care Conference Presentations:

Gunshot wound to head with major traumatic brain injury		10/2019
Gunshot wounds with left brachial artery injury, compartment syndrome		2/2020
Dismounted Improvised Explosive Device (IED) Injury		2/2020
Blast Injury with Liver Injury, Open Elbow Fracture		2/2020
Tracheal and Esophageal Penetrating Injury		2/2020
Gunshot wound head with major traumatic brain injury		3/2020
Gunshot wound to abdomen and thigh, open abdomen		3/2020
Blast wound with tibia/fibula fracture and LLE compartment syndrome		3/2020

Center for Sustainment of Trauma Readiness & Skills (CSTARS):

Simulation Center Teaching, Lectures, & Skills Labs:		
55 Sessions		2018-2023
Cadaver/Anatomy Lab Teaching:		
7 Sessions		2018-2023

PROFESSIONAL SOCIETIES

American College of Surgeons (ACS)		
Associate Fellow		2014-2025
Chest Wall Injury Society (CWIS)		
Member		2024-2027
Society of the American Gastrointestinal Endoscopic Surgeons (SAGES)		
Member		2014-2024
Society of Critical Care Medicine (SCCM)		
Member		2016-2025
Alpha Omega Honor Society (AOA)		
Member		2010-2025
American College of Physicians (ACP)		
Member		2019-2023
American Burn Association (ABA)		
Member		2017-2021

OTHER AWARDS / ACCOMPLISHMENTS

Air Force Meritorious Service Medal	2023
Air Force Commendation Medal (Combat), Afghanistan	2020
Vanderbilt Section of Surgical Sciences: H. William Scott, Jr. Society	2017
University of Nevada SOM Surgery: Program Director Award for Best ABSITE Score	2013-2016
University of Nevada SOM: Resident Teaching Honor Roll	2014
Alpha Omega Alpha	2010
United States Air Force: Health Professions Scholarship Program	2007-2011
WSU President's Award for Leadership/Scholastics	2007
WSU College of Sciences' Distinguished Undergraduate of the Year	2006-2007
WSU Pharmacology & Toxicology Research Fellowship Recipient	2006
WSU Herbert L. Eastlick Scholarship in Pre-medicine	2006-2007
WSU Yount/McFadden Scholarship in Biochemistry	2006-2007
WSU Center for Integrated Biotechnology Research Fellowship Recipient	2005
WSU Cougar Freshman Academic Award	2003-2007
WSU Mortar Board Outstanding Freshman Scholar	2003
United States Air Force ROTC: Undergraduate Scholarship	2003-2007
Eagle Scout	2002