

**KELLY BRIAN THOMPSON, LT COL (MD), USAF****PREFERRED NAME: BRIAN****PERSONAL INFORMATION**

Date of Birth: 02/22/1982

Place of Birth: Cheyenne, WY

Personal address and phone: 5739 Hawkins Ridge Ct, St Louis, MO, 63129 | cell phone: 662-312-4640

Professional address and phone: Cardinal Glennon Children's Hospital, Division of Pediatric Critical Care, Suite 2601, 1465 S. Grand Blvd, St Louis, MO 63104 | 314-577-5395

Email: [kbt2@ymail.com](mailto:kbt2@ymail.com) | [Kelly.Thompson.11@us.af.mil](mailto:Kelly.Thompson.11@us.af.mil) | [brian.thompson@health.slu.edu](mailto:brian.thompson@health.slu.edu)**EDUCATION/POST GRADUATE TRAINING**

Mississippi State University – Starkville, MS

**Bachelor of Science in Biological Engineering – Magna Cum Laude**

Graduation Date: 05/07/2005

University of Mississippi School of Medicine – Jackson, MS

**Doctor of Medicine – Alpha Omega Alpha**

Graduation Date: 05/22/2009

PGY1 – Wright State University Boonshoft School of Medicine/Wright Patterson Air Force Base, OH

**Pediatrics**

Completion Date: 06/30/2010

Residency - Wright State University Boonshoft School of Medicine/Wright Patterson Air Force Base, OH

**Pediatrics**

Completion Date: 06/30/2012

Fellowship – Monroe Carell Jr. Children's Hospital at Vanderbilt/Nashville, TN

**Pediatric Critical Care**

07/01/2016 – 06/30/2019

**MEDICAL LICENSURE**

Virginia 0101249404 – Unrestricted

Missouri 2019033201 – Unrestricted

**BOARD CERTIFICATION**

American Board of Pediatrics – General Pediatrics, 10/18/2012

American Board of Pediatrics – Pediatric Critical Care, 11/4/2020

**PRESENT POSITIONS**Director, Office of Military Medicine for Saint Louis Region, USAF 711<sup>th</sup> Human Performance Wing, School of Aerospace Medicine, Dayton, OH  
Instructor, C-STARS St Louis, USAF 711th Human Performance Wing, School of Aerospace Medicine, Dayton, OHPhysician, Critical Care Air Transport Team, USAF 711<sup>th</sup> Human Performance Wing, School of Aerospace Medicine, Dayton, OH

Professor, En Route Care, United States Air Force School of Aerospace Medicine, Dayton, OH

Assistant Professor, Clinical Educator, Pediatric Critical Care, Saint Louis University/SSM Health Cardinal Glennon Children's Hospital, Saint Louis, MO

Assistant Trauma Medical Director, SSM Health Cardinal Glennon Children's Hospital, Saint Louis, MO

**PREVIOUS PROFESSIONAL POSITIONS & APPOINTMENTS**

Adjunct Teaching Faculty – Vanderbilt University School of Medicine, TN

**Pediatric Critical Care**

07/01/2016-06/30/2019

Staff Pediatrician/Clinic Medical Director – Peterson Air Force Base, CO

**Pediatrics**

07/01/2013-6/30/2016

Chief Resident/Staff Pediatrician – Wright State University Boonshoft School of Medicine/Wright Patterson Air Force Base, OH  
**Pediatrics**  
07/01/2012-06/30/2013

Adjunct Teaching Faculty – Wright State University Boonshoft School of Medicine, OH  
**Pediatrics**  
07/01/2009-06/30/2013

Staff Pediatrician – Holloman Air Force Base, NM  
**Pediatrics**  
01/01/2014-03/30/2014 (Manning Assistance Mission)

### **HOSPITAL/UNIVERSITY COMMITTEE APPOINTMENTS**

Medical Student PICU Liaison – Saint Louis University School of Medicine, Saint Louis, MO  
07/03/2025- current

Trauma Committee – Assistant Trauma Medical Director & PICU Liaison – SSM Health Cardinal Glennon Children's Hospital, Saint Louis, MO  
10/01/2019 – current

Medical Staff Peer Review Committee - SSM Health Cardinal Glennon Children's Hospital, Saint Louis, MO  
03/01/2020 – current

Pediatric Residency PICU Education Liaison - Saint Louis University/SSM Health Cardinal Glennon Children's Hospital, Saint Louis, MO  
07/03/2020 – 07/03/2025

ED MedStat and Trauma Review Committee – SSM Health Cardinal Glennon Children's Hospital, Saint Louis, MO  
01/01/2020 – 07/01/2023

Emergency Management Committee - SSM Health Cardinal Glennon Children's Hospital, Saint Louis, MO  
03/01/2020 – 04/01/2022

Burn Resuscitation QI- Fellow Liaison- Monroe Carell Jr. Children's Hospital at Vanderbilt, TN  
07/01/2016-06/30/2019

Extubation Readiness QI-Fellow Liaison- Monroe Carell Jr. Children's Hospital at Vanderbilt, TN  
07/01/2016-06/30/2019

### **TEACHING ACTIVITIES**

Pediatric Fundamentals of Critical Care Support (PFCCS) Course Director/Instructor, Saint Louis University School of Medicine, Saint Louis, MO  
7/1/2024-current

Trauma Course Instructor – Center for Sustainment of Trauma and Readiness Skills (C-STARS), USAF, Saint Louis, MO  
7/30/2019-current

ATLS Instructor – Saint Louis University School of Medicine, Saint Louis, MO  
3/6/2020-current

PALS Instructor – Saint Louis University School of Medicine, Saint Louis, MO  
3/9/2020-current

Nursing Education Committee-Fellow Liaison- Monroe Carell Jr. Children's Hospital at Vanderbilt, TN  
07/01/2016-06/30/2019

Chief Resident – Wright State University Boonshoft School of Medicine/Dayton Children's Hospital, OH  
07/01/2012-06/30/2013

**MILITARY TRAINING COURSES**

SCHOOL OF AEROSPACE MEDICINE- INTRODUCTION TO AEROSPACE MEDICINE- 2006  
COMBAT CASUALTY CARE COURSE – 2011  
AIR FORCE MEDICAL HOME/PCM Model – 2015  
CENTER FOR THE SUSTAINMENT OF TRAUMA AND READINESS SKILLS (C-STARS) – 2019  
CRITICAL CARE AIR TRANSPORT (CCAT) INITIAL - 2021  
CRITICAL CARE AIR TRANSPORT (CCAT) ADVANCED – 2021  
CRITICAL CARE AIR TRANSPORT (CCAT) ADVANCED – 2024  
AIR WAR COLLEGE (CORRESPONDENCE) - 2025

**DEPLOYMENTS**

Ramstein Air Force Base, CCATT physician/team lead, in support of OIR and Coronavirus Disease Operations  
Apr 2022 – Oct 2022

**HONORS AND AWARDS**

Mississippi State University  
Magna Cum Laude Honors 2005  
Phi Beta Kappa 2000-2005

University of Mississippi School of Medicine  
Margie Bulboff Award 2006-2007  
Blair E. Batson Pediatrics Excellence Award 2009  
Alpha Omega Alpha Honors 2009  
The Gold Humanism Honor Society 2009

Wright State University Boonshoft School of Medicine/Wright Patterson Air Force Base Pediatrics  
Resident Teaching Award 2011-2012

Wright Patterson Air Force Base  
07/01/2012-06/30/2013  
Air Force Achievement Medal  
Air Force Outstanding Unit Award  
National Defense Service Medal  
Global War on Terrorism Service Medal

Peterson Air Force Base  
07/01/2013-6/30/2016  
Air Force Meritorious Service Medal  
Air Force Outstanding Unit Award  
Air Force Longevity Service

Cardinal Glennon Children's Hospital/Saint Louis University SOM  
07/01/2019 - Current  
Pediatric Critical Care Educator of the Year 2021  
Pediatric Critical Care Educator of the Year 2020

**PROFESSIONAL SOCIETIES**

American Academy of Pediatrics, Fellow 2012-Current  
Alpha Omega Alpha Medical Honor Society, Member 2009-Current  
American Board of Pediatrics, Member 2012-Current  
Society of Critical Care Medicine, Member 2016-Current  
ELSO, Member 2016-Current

**PUBLICATIONS**

Thompson KB, et al. "ECMO Support for Pediatric Burn Patients: Is it Worth the Risk?" **ASAIO Journal**: 28<sup>th</sup> Annual ELSO Conference Abstracts. 63(5S\_Suppl):1-59, September 2017.

Thompson KB, Krispinsky LT, Stark RJ. Late immune consequences of combat trauma: a review of trauma-related immune dysfunction and potential therapies. *Mil Med Res.* 2019;6(1):11. Published 2019 Apr 24. doi:10.1186/s40779-019-0202-0

Thompson KB, Dawoud F, Castle S, Pietsch JB, Danko ME, Bridges BC. Extracorporeal Membrane Oxygenation Support for Pediatric Burn Patients: Is It Worth the Risk?. *Pediatr Crit Care Med.* 2020;21(5):469-476. doi:10.1097/PCC.0000000000002269

Thompson KB. Casualties of Chemical, Biological, Radiological, Nuclear, and Explosive Weapons. *Pediatric Surgery & Medicine for Hostile Environments, 3<sup>rd</sup> Edition*; Borden Institute. *Awaiting publication.*

Thompson KB. Pediatric Burn Injury: Assessment, Management, and Considerations. In: Ahmad AH, Mejia R, eds. *Comprehensive Pediatric Critical Care Medicine*, Third Edition. Society of Critical Care Medicine. 2025.

Taylor TL, Dugal J, Laffey SP, Spencer SP, Thompson KB. (2025). Pediatric Massive Transfusion Protocol Dose Book: A Guide to Improve Balanced Ratios. *Journal of Trauma Nursing*, 32(5), 298-303. <https://doi.org/10.1097/JTN.0000000000000874>.

## **PRESENTATIONS**

“HSV Esophagitis” **Grand Rounds. Dayton Children’s Hospital, Dayton, OH** Jan 2012

Poster: “ECMO Support for Pediatric Burn Patients: Is it Worth the Risk?” **28th Annual ELSO Conference. Baltimore, MD** Sept 2017

“Late Consequences of Critical Illness” **Grand Rounds. Cardinal Glennon Children’s Hospital, St. Louis, MO** Feb 2020

“Every Drop Counts – Massive Transfusion and Resuscitation in Pediatrics” **Midwest Pediatric Trauma Conference** June 2021

“The Diamond of Death – A Guide to Pediatric Trauma Resuscitation” **CoxHealth Pediatric Conference** Sept 2021

“Pediatric Massive Transfusion” **Grand Rounds. Cardinal Glennon Children’s Hospital, St. Louis, MO** Jan 2022

“Practice Makes Improvement, Utilizing Simulation for Pediatric Trauma Training” **Grand Rounds. Cardinal Glennon Children’s Hospital, St. Louis, MO** Apr 2023