

**BIOGRAPHICAL SKETCH**

Provide the following information for the Senior/key personnel and other significant contributors.  
Follow this format for each person. **DO NOT EXCEED FIVE PAGES.**

NAME: Regan Williams

eRA COMMONS USER NAME (credential, e.g., agency login): rwilliams

POSITION TITLE: Associate Professor, Department of Surgery and Pediatrics

EDUCATION/TRAINING (*Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.*)

| INSTITUTION AND LOCATION                      | DEGREE<br>(if<br>applicable) | Completion<br>Date<br>MM/YYYY | FIELD OF STUDY                             |
|---|------------------------------|-------------------------------|--|
| Austin Peay State University                  | BS                           | 05/00                         | Biology, Chemistry, Physics                |
| University of Tennessee Health Science Center | MD                           | 5/04                          | Medicine                                   |
| University of Tennessee Health Science Center | Resident                     | 6/11                          | General Surgery                            |
| University of Tennessee Health Science Center | Fellowship                   | 6/13                          | Pediatric Surgery                          |
| St Jude Children's Research Hospital          | Research<br>fellowship       | 6/09                          | Antiangiogenic therapy for solid<br>tumors |
| University of Tennessee Health Science Center | MS                           | 12/16                         | Epidemiology, Clinical Research<br>Tract   |

**A. Personal Statement**

I am a pediatric surgeon with a clinical and research focus on pediatric trauma. I have been the Trauma Medical Director at Le Bonheur Children's Hospital for 5 years. Le Bonheur is a ACS-verified level 1 trauma center in an urban community with approximately 2000 trauma admissions each year. My general surgery training occurred also in Memphis where I spent many months training at one of the busiest adult trauma centers in the country, the Elvis Presly Memorial Trauma Center, which treats over 1300 firearm injuries each year. The importance of decreasing firearm injuries was apparent then and was brought to the forefront in 2017 when we saw a spike in firearm injuries in children at my trauma center. A research approach at our institution found a large increase in 2017 in firearm injuries with much worse increase since the COVID 19 pandemic. Since that time, I have worked extensive both in and out of the hospital to support and prevent firearm injuries in children.

In 2019, we conducted a study which reported a two-fold increase in adverse childhood experiences in our trauma clinic. This data lead to funding to bring Mental Health Counselors into the hospital to provide integrated behavioral health to injured children and their families. Through this work, we identified an increase in acute stress scores in children that were victims of gunshot wounds. Concurrently, we received city government funding to start a hospital-based violence intervention program to support victims of violent injuries and prevent further injuries. I have been working extensively in the community to build partnerships to prevent community violence and treat our families after violence has occurred. We have partnerships with the city and county government, the school system, community interrupters and juvenile court. The last partnership has grown with federal funding to extend the wraparound services we provide to victims of violent injuries into juvenile court utilizing a primary prevention model to support children before injury occurs.

This study will assess school enrollment in pediatric trauma patients and compare violent vs non-violent injuries. In taking a public health approach to decreasing firearm injuries, we must identify risk factors for violent injuries (truancy) and build programs to modify those factors.

**Current Studies:**

OJJDP Grant (\$900,000) – 2023-2026

Strategies to Support Children Exposed to Violence

Group Violence Intervention Program, City of Memphis (\$350,000) – 2021-2023

- Supporting and Healing Individuals from Trauma

Urban Child Institute (\$200,000) – 2022-2024

- Child Advocacy Fellow

Children’s Foundation of Memphis (\$50,000) – 2021-2023

- Trauma Mental Health Counseling Program

Urban Child Institute (\$350,000) – 2020-2023

- Trauma Mental Health Counseling Program

**B. Positions, Scientific Appointments, and Honors**

**UNIVERSITY APPOINTMENTS:**

Associate Professor, Division of Pediatric Surgery, Department of Surgery and Pediatrics, University of Tennessee Health Science Center, Memphis, Tn, July 2013-Present

**HOSPITAL/CLINICAL APPOINTMENTS:**

Tennessee Alternate Care Facility – Memphis, Chief Medical Officer, 2020

Le Bonheur Children’s Hospital, Pediatric Surgeon, 7/2013-present

St Jude Children’s Research Hospital, Affiliate Physician, 7/2013-present

**PROFESSIONAL MEMBERSHIPS:**

American College of Surgeons, Fellow, Committee of Trauma, Future Trauma Leader (2019-2022)

Tennessee Chapter of the American College of Surgeons

American Pediatric Surgical Association, Member, Chair of the Trauma Committee

American Association of Pediatrics, Section on Surgery, Fellow

Association of Woman Surgeons

Association of Academic Surgeons

Pediatric Trauma Society, Co-chair of the Program Committee

**HONORS:**

Student Government Association Excellence in Teaching Award, College of Medicine, UTHSC, 2018

American Arnold P. Gold Foundation Humanism and Excellence in Teaching Award, 2011

Harwell Wilson Surgical Society Scientific Paper Session, 1<sup>st</sup> Place, Localized Interferon-beta for the Treatment of Glioblastoma, 2009

American College of Surgeons, Tennessee Chapter Annual Meeting, 2<sup>nd</sup> Place Jabbour-Basic Science Competition, Treatment of Renal Cell Carcinoma with Bortezomib, 2008

Tennessee Chapter of the American College of Surgeons, Committee on Trauma, Resident Paper Competition, 1st Place, Adding to the Airbag Controversy: The Impact of Airbags on Level I Trauma Center Patients, 2007

Academic Achievement Award, Department of Surgery, UTHSC, 2007

Golden Apple Teaching Award, UTHSC, 2005, 2006

Outstanding Student in Surgery Award, Commencement, UTHSC, 2004  
Alpha Omega Alpha, UTHSC, 2004

**C. Contributions to Science**

1. Schauss E, Zettler H, Hawes K, Rashed J, Roberts S, Ahern B, Bartelli D, Burgess M, Williams R. Call to Action: The Rise of Pediatric Gun Violence During the COVID-19 Pandemic. *J Child and Adol Trauma* August 2023; published online ahead of print.
2. Schauss E, Hawes K, Roberts S, Clayton JM, Li C, Littlejohn A, Bartelli D, Williams R; BRAIN Center at the University of Memphis. Examining the incidence of acute stress in pediatric trauma patients. *Trauma Surg Acute Care Open*. 2022 Aug 17;7(1):e000946. PMID: 36072965
3. Henry MC, Ehrlich PF, Flynn O'Brien KT, Griggs C, Hartman HA, Kotagal M, Masiakos P, Naik-Mathuri B, Sathya C, Stevens J, Thomas A, Trinidad S, Williams R, Campbell BT. [Pediatric Surgery Firearm Injury Collaborative Symposium](#). *J Pediatr Surg*. 2023 Sep 27;. doi: 10.1016/j.jpedsurg.2023.09.031. [Epub ahead of print] Review. PubMed PMID: 37875380.

**Complete List of Published Work in My Bibliography:**

<https://www.ncbi.nlm.nih.gov/myncbi/regan.williams.1/bibliography/public/>