

# Susan Hamblin, PharmD, BCPS, BCCCP, FCCM

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## EDUCATION

**Doctor of Pharmacy**, May 2007  
University of Mississippi, University, MS  
*Summa Cum Laude* graduate

**Bachelor of Science in Pharmaceutical Sciences**, May 2005  
University of Mississippi, University, MS  
*Summa Cum Laude* graduate

## PROFESSIONAL EXPERIENCE

### Pharmacy Work Experience

**Assistant Professor**, Lipscomb University College of Pharmacy (LUCOP), Nashville, TN  
Department of Pharmacy Practice with shared roles in the School of Nursing and School of  
Physician Assistant Studies  
August 2018 – Present

**Brain Injury Center Clinical Pharmacist**, Vanderbilt University Medical Center, Nashville, TN  
Affiliate Clinical Practice Site  
December 2018 – Present

**Trauma Clinical Pharmacist**, Vanderbilt University Medical Center, Nashville, TN  
Clinical Pharmacy Specialist  
June 2010 – August 2018

**Pharmacist**, Centennial Medical Center, Nashville, TN  
Centralized staffing and decentralized clinical pharmacy  
November 2009 – June 2010

**Supplemental Pharmacist**, Greenville Memorial Medical Center, Greenville, SC  
Pharmacy staffing and anticoagulation clinic  
July 2009 – October 2009

### Pharmacy Residency Experience

**ASHP Accredited Critical Care Specialty Residency**  
Greenville Memorial Medical Center, Greenville, SC  
July 2008 – July 2009

**ASHP Accredited Pharmacy Practice Residency**  
Methodist Healthcare-University Hospital, Memphis, TN  
July 2007 – June 2008

## **LICENSURE**

Mississippi Board of Pharmacy, Pharmacist License Number E-010218  
Tennessee Board of Pharmacy, Pharmacist License Number 29540

## **CERTIFICATIONS**

Basic Life Support/Heartsaver Instructor, American Heart Association, August 2019 – Present  
Board Certified Critical Care Pharmacy Specialist, Board of Pharmacy Specialties, June 2016 – Present  
Board Certified Pharmacotherapy Specialist, Board of Pharmacy Specialties, December 2009 – Present  
Advanced Cardiovascular Life Support, American Heart Association, June 2008-2010, 2014 – 2020

## **SELECTED COMMITTEE AND LEADERSHIP ACTIVITIES**

Vanderbilt-Lipscomb Critical Care Fellowship, LUCOP, October 2020 – Present  
Lipscomb Site Coordinator  
Curriculum Committee, LUCOP, October 2020 – Present  
APPE Readiness Subcommittee Chair  
Experiential Education Committee, LUCOP, October 2018 – 2020  
Admissions Committee, Lipscomb University School of Physician Assistant Studies, October 2018 – Present  
Interprofessional Education Committee, LUCOP, August 2018 – Present  
PGY2 Critical Care Residency Program Director, VUMC, July 2013 – August 2018  
Residents Graduated: 2014-2015 Michael Kenes, 2015-2016 Kelly Maguigan, 2016-2017, Susan Smith, 2017-2018 Rachel LaBianca  
Critical Care Residency Advisory Committee, Chair, October 2014 – August 2018  
Super RAC Member, VUMC, January 2014 – August 2018  
PGY1 Residency Coordinator, VUMC, May 2012 – July 2013

## **PHARMACY TEACHING EXPERIENCE AND LECTURES**

Lipscomb College of Pharmacy  
Preceptor, 2011 – Present  
School of Physician Assistant Studies Lectures and Courses  
Pharmacology and Medical Therapeutics I, Coordinator, Spring 2019 – Present  
Pharmacology and Medical Therapeutics II, Coordinator, Summer 2019 – Present  
“Geriatric Medication Management”, Clinical Medicine III, Fall 2019, Fall 2020  
School of Nursing Lectures and Courses  
Pharmacology for Nursing 3033, Co-Coordinator, Fall/Spring 2018 – Present  
College of Pharmacy Lectures and Courses  
Applied Pharmacotherapy I, Co-Coordinator, Fall 2018 – 2019, Coordinator Fall 2020, Fall 2021  
Applied Pharmacotherapy II, Co-Coordinator, Spring 2019 – 2020, Coordinator Spring 2021  
Critical Care Elective  
“Critical Care Elective: Endocrine Disorders”, October 2018, March 2019, March 2020, October 2020  
“Withdrawal Syndromes in the ICU”, March 2019, March 2020, October 2020  
“Acute Liver Failure and GI Bleeding”, October 2020  
Clinical Concepts of Diseases II  
“Pain and Analgesia”, April 2020, April 2021  
Pharmacotherapy III  
“Headache Evaluation and Management”, August 2021  
“Pain Management”, September 2019, September 2020, September 2021  
Pharmacotherapy IV  
“Hospital Associated Pneumonia”, October 2020

“Tuberculosis”, October 2020  
“CNS Infections”, October 2020

Pharmacotherapy VI

“Neurologic Injury: Traumatic Brain Injury and Spinal Cord Injury”, December 2010, April 2018, April 2019, April 2020  
“Advanced Cardiovascular Life Support” April 2019, April 2020  
“Shock and Hemodynamic Monitoring”, November 2010, December 2011  
“Sedation and Analgesia”, November 2010, December 2011

Belmont University School of Pharmacy

Affiliate Faculty/Preceptor, August 2010 – August 2018

College of Pharmacy Lectures and Courses

“Non-Linear Processes”, Applied Pharmacokinetics, April 2018  
“Hemodynamic Support”, Pathophysiology and Therapeutics IV, April 2015, April 2016, March 2017, April 2018  
“Sepsis/Shock”, Pathophysiology and Therapeutics IV, April 2015, April 2016, March 2017, April 2018  
“Adrenal Insufficiency of Critical Illness”, Special Topics in Pharmacotherapy: Critical Care, October 2013, September 2014, September 2015, October 2016, November 2017

University of Tennessee Health Science Center, College of Pharmacy

Assistant Professor/Preceptor, September 2010 – August 2018

College of Pharmacy Lectures and Courses

“Adrenal Insufficiency of Critical Illness”, Critical Care Therapeutics Elective, April 2011, April 2012

## PROFESSIONAL AFFILIATIONS

Tennessee Pharmacist Association, October 2014 – Present

Tennessee Society of Health-System Pharmacists, October 2014 – Present

TSHP Programming and Education Committee, January 2016 – Present

Society of Critical Care Medicine, October 2008 – Present

Thrive Patient and Family Support Committee, February 2020 - Present

Clinical Pharmacy and Pharmacology Patient Safety Committee, Member February 2018 – Present

Clinical Pharmacy and Pharmacology Section Membership Committee Chair, January 2015 – February 2016, Member January 2013 – 2020

Clinical Pharmacy and Pharmacology Section Communications Committee, Member January 2014 – Present

Clinical Pharmacy and Pharmacology Section Education Committee, Member February 2016 – Present

Critical Care Pharmacy Practice Survey Work Group, October 2017 – February 2019

American College of Clinical Pharmacy, November 2006 – Present

Critical Care PRN Recognition Committee, Member October 2018 – Present

Critical Care PRN Recognition Committee, Chair October 2020 – Present

American Society of Health-System Pharmacists, August 2006 – October 2020

American Association of Colleges of Pharmacy, March 2019 – March 2020

## CLINICAL PROFESSIONAL SERVICES

*Critical Care Medicine*, Editorial Board, March 2019 – Present

*Critical Care Explorations*, Manuscript reviewer, March 2019 – Present

*Critical Care Medicine*, Manuscript reviewer, May 2015 – Present

*Pharmacotherapy*, Manuscript reviewer, January 2011 – Present

Society of Critical Care Medicine, Annual Congress Abstract Reviewer, September 2010, 2012 – Present  
Trauma Liberation Group, Vanderbilt University Medical Center, December 2016 – August 2018  
Organ Donation Advisory Committee, Vanderbilt University Medical Center, August 2014 – August 2018  
Multidisciplinary Trauma Conference, Vanderbilt University Medical Center, August 2013 – August 2018  
Institutional Critical Care Committee, Vanderbilt University Medical Center, July 2012 – August 2018  
Trauma Unit Board: Pharmacy Updates, Vanderbilt University Medical Center, July 2010 – August 2018  
One Med List Group (Emergency Room), Vanderbilt University Medical Center, May 2013

## **SELECTED CLINICAL PROCESS IMPROVEMENT PROJECTS**

Trauma Perioperative Antibiotic Prophylaxis Guideline, April 2018  
Trauma DVT Prophylaxis Medication Use Evaluation (Advisor), Presented February 2018  
Trauma Vasopressin Medication Use Evaluation (Advisor), Presented December 2017  
Intraleural tPA/DNase Medication Use Evaluation (Advisor), Presented February 2017  
Trauma Critical Care Stress Ulcer Prophylaxis Guidelines, January 2017  
Trauma Vasopressin Prescribing Guidelines, October 2016  
Vanderbilt Infiltration/Extravasation Treatment Table (non-chemotherapy), August 2016  
Traumatic Hemothorax and Empyema Intraleural tPA Protocols, April 2012, Update June 2018  
Trauma Intensive Care Unit Glycemic Control Protocol, July 2016  
Division of Trauma and Surgical Critical Care Guidelines for Seizure Prophylaxis, June 2016  
Trauma Guidelines for Venous Thromboembolism Prophylaxis, April 2011, June 2014, May 2016  
Trauma Prescribing Guidelines for Reduction in Falls and Geriatric Polypharmacy, March 2016  
KCentra Medication Use Evaluation, Presented January 2016  
Division of Trauma and Surgical Critical Care Splenectomy Vaccination Guidelines, October 2015  
Pentobarbital Medication Use Evaluation (Advisor) and Ordering Restrictions Web Page, September 2015  
Trauma Empiric Urinary Tract Infection Treatment Algorithm, September 2015  
Division of Trauma and Surgical Critical Care Trauma Antibiotic Stewardship Program, October 2013  
Surgical Critical Care Electrolyte Protocol/Process Update and Medication Use Evaluation, April 2012  
Division of Trauma and Surgical Critical Care Protocol Update Retreat (Atrial Fibrillation Guidelines, Beta-blockade Guidelines, Delirium Treatment Algorithm, Substance Abuse Treatment Algorithm, and Stress Ulcer Prophylaxis Guidelines), April 2011

## **SELECTED PROFESSIONAL PRESENTATIONS**

**Hamblin S.** “IV Fluid Management: Does It Really Matter?”. LUCOP Webinar Wednesday (TPCE program). Nashville, TN, September 2020.

**Hamblin S.** “Blood on the Brain: Can We Stop the Bleed?”. TBI Education Day (Vanderbilt CME program), VUMC. Nashville, TN, March 2020.

**Hamblin S.** “Effective Pain Management Strategies: Managing the Complicated Patient”. LUCOP Webinar Wednesday (TPCE program). Nashville, TN, September 2019.

**Hamblin S.** “Medication Controversies in Traumatic Brain Injury”. TBI Education Day (Vanderbilt CME program), VUMC. Nashville, TN, February 2019.

**Hamblin S.** “Geriatric Polypharmacy: Less is More”. Vanderbilt Critical Care ACNP/PA Boot Camp (national CME program), VUMC. Nashville, TN, September 2018

Rumbaugh K, **Hamblin S.** “To Clot or Not to Clot: Venous Thromboembolism Prophylaxis in Surgical Patients”. ACPE Accredited Continuing Education, VUMC, Pharmacy Department. Nashville, TN, May 2018

**Hamblin S.** “Pharmacology Update: Sepsis Management”. Trauma Nurse Practitioner Pharmacology Forum (Vanderbilt CME program), VUMC, Department of Surgery/Trauma. Nashville, TN, May 2018

**Hamblin S.** “Clinical Pearls for Bugs and Drugs”. Surgical Critical Care Fellow Conference (Vanderbilt CME program), VUMC, Department of Surgery/Trauma. Nashville, TN, September 2015, November 2016, November 2017

**Hamblin S,** Hopkins J. “Actionable Feedback: The Preceptor’s Playbook”. TPA/TSHP Residency Showcase ACPE Accredited Continuing Education, Embassy Suites Hotel and Convention Center. Murfreesboro, TN, October 2017

**Hamblin S.** “Anticoagulation Management”. Surgical Critical Care Fellow Conference (Vanderbilt CME program), VUMC, Department of Surgery/Trauma. Nashville, TN, June 2017, October 2017

**Hamblin S.** “Traumatic Brain Injury: Treatment Now and Later”. Trauma Nurse Practitioner Pharmacology Forum (Vanderbilt CME program), VUMC, Department of Surgery/Trauma. Nashville, TN, August 2017

**Hamblin S.** “The Mentor-Mentee Relationship: Making the Most for You and Me”. ACPE Accredited Continuing Education, VUMC, Pharmacy Department. Nashville, TN, August 2017

**Hamblin S.** “Adjunctive Pain Management Strategies: Managing the Complicated Surgical Patient”. ACPE Accredited Continuing Education, VUMC, Pharmacy Department. Nashville, TN, November 2016

**Hamblin S.** “Polypharmacy in the Critically Ill: Less is More”, Vanderbilt Critical Care ACNP/PA Boot Camp (national CME program), VUMC. Nashville, TN, September 2016

**Hamblin S.** “Pharmacology Update: Anticoagulation Management”, Trauma Nurse Practitioner Pharmacology Forum (Vanderbilt CME program), VUMC, Department of Surgery/Trauma. Nashville, TN, August 2016

**Hamblin S.** “Adjunctive Pain Management Strategies: Managing the Complicated Patient”, Vanderbilt LifeFlight iServe Conference (national CME program), Vanderbilt LifeFlight. Franklin, TN, August 2016

**Hamblin S.** “Pharmacology Update: Adjunctive Pain Management Strategies and the Multimodal Approach”, Trauma Nurse Practitioner Pharmacology Forum (Vanderbilt CME program), VUMC, Department of Surgery/Trauma. Nashville, TN, May 2016

**Hamblin S.** “Sepsis All Over Again”, Surgical Critical Care Fellow Conference (Vanderbilt CME program), VUMC, Department of Surgery/Trauma. Nashville, TN, April 2016

Bagshaw S, **Hamblin S,** Annane D. “Resuscitation Fluid Controversies”, 45<sup>th</sup> Annual Critical Care Congress (national CME program), Society of Critical Care Medicine. Orlando, FL, February 2016

**Hamblin S.** “Pharmacology Update: Clinical Pearls for Bugs and Drugs”, Trauma Nurse Practitioner Pharmacology Forum (Vanderbilt CME program), VUMC, Department of Surgery/Trauma. Nashville, TN, January 2016

**Hamblin S.** “2014 Year in Review of Critical Care: the Year of Sepsis Management”. ACPE Accredited Continuing Education, VUMC, Pharmacy Department. Nashville, TN, April 2015

**Hamblin S.** “Adjunctive Pain Management Strategies: Managing the Complicated Patient”, Medicine Patient Care Center Nursing Grand Rounds (Vanderbilt CME program), VUMC. Nashville, TN, October 2014

**Hamblin S.** “Antimicrobial Stewardship Approach in the Trauma and Surgical Critical Care Units”, Surgical Critical Care Fellow Conference (Vanderbilt CME program), VUMC, Department of Surgery/Trauma. Nashville, TN, May 2013, December 2013, September 2014

**Hamblin S.** “Adjunctive Pain Management Strategies: Managing the Complicated Patient”, Clinical Practice Grand Rounds for Advanced Practice Nurses and Allied Health (Vanderbilt CME program), VUMC. Nashville, TN, July 2014

**Hamblin S,** McMurray D, Decker J. “Inhalational Therapies in the Critically Ill: from Theory to Practice”, ACPE Accredited Continuing Education, VUMC, Pharmacy Department. Nashville, TN, November 2013

**Hamblin S,** Walters E. “The Process of Organ Donation and Donor Management”, ACPE Accredited Continuing Education, Nashville Area Pharmacist Association. Nashville, TN, September 2013

**Hamblin S,** Dunbar MP. “The Process of Organ Donation and Donor Management”, ACPE Accredited Continuing Education, VUMC, Pharmacy Department. Nashville, TN, March 2012

**Hamblin S.** “Therapeutic Hypothermia: Pharmacy Essentials in Cold Conditions”, ACPE Accredited Continuing Education, Mississippi Society of Health-System Pharmacists 2011 Annual Meeting. Oxford, MS July 2011

**Hamblin S.** “Traumatic Brain Injury: the Old and the New”, ACPE Accredited Continuing Education, VUMC, Pharmacy Department. Nashville, TN, January 2011

**Hamblin S.** “Therapeutic Hypothermia: It Worked for Han Solo, Maybe It Can Help Your Patient, Too”, Surgical Critical Care Fellow Conference (Vanderbilt CME program), VUMC, Department of Surgery/Trauma. Nashville, TN, September 2010

## **ABSTRACT PRESENTATIONS**

Nguyen L, **Hamblin SE,** Beavers JL, Atchison L, Dennis B. Utilization of Four-Factor Prothrombin Complex Concentrated for Factor Xa Reversal Following Life-Threatening Hemorrhage: a Quality Improvement Project. American Society of Health-System Pharmacists Midyear Clinical Meeting (virtual meeting). December 2020.

Schmidt LE, **Hamblin SE,** Jaynes MP, Atchison L, Beavers JR, Dennis BM. Evaluation of Vasopressor Requirements with Pentobarbital Therapy in the Treatment of Refractory Intracranial Hypertension. 2020 ACCP Annual Conference on Clinical Pharmacy (virtual meeting). October 2020.

Mangan B, **Hamblin S,** Rumbaugh K, Dennis BM. Reduced-Dose Intrapleural Tissue Plasminogen Activator for Retained Hemothorax in Trauma Patients. Society of Critical Care Medicine’s 49th Critical Care Congress, San Diego, CA, February 2020

Jaynes M, Deri C, **Hamblin S**, Dennis B. Early Post-Traumatic Seizure Prophylaxis Omission in a Low-Risk Geriatric Trauma Population. Society of Critical Care Medicine's 49th Critical Care Congress, San Diego, CA, February 2020

Blalock S, McCluggage L, **Hamblin S**, Lindsell C, Wang L, Henry G, Dennis B. Gabapentin effect on opioid usage in traumatic open fracture patients. 2019 ACCP Annual Conference on Clinical Pharmacy, New York, NY, October 2019

Schmidt L, Ing A, LaBianca R, **Hamblin S**, Felbinger M, Dennis B. Assessment of Prophylactic Antibiotic Guideline Compliance in Culture-Positive Open Fractures. Society of Critical Care Medicine's 48th Critical Care Congress, San Diego, CA, February 2019

LaBianca R, **Hamblin S**, Felbinger M, Guillaumondegui O, Norris MS, Collinge C, Dennis BM. Assessment of Prophylactic Antibiotic Coverage in Culture-Positive Traumatic Open Fractures Society of Critical Care Medicine's 48th Critical Care Congress, San Diego, CA, February 2019

Smith S, Rumbaugh K, **Hamblin S**. Vasopressin Dosing Protocols May Result in Disparate Use in Obese Patients. 2018 ACCP Annual Conference on Clinical Pharmacy, Seattle, WA, October 2018

Smith S, **Hamblin S**, Dennis B. Effect of neuromuscular blockers on sedation requirements in trauma patients with an open abdomen. Society of Critical Care Medicine's 47th Critical Care Congress, San Antonio, TX, February 2018

Bensink J, **Hamblin S**, Jaynes M, Guillaumondegui O. Implementation of an Early VTE Prophylaxis Protocol Following Surgery for Traumatic Spinal Injury. Society of Critical Care Medicine's 47th Critical Care Congress, San Antonio, TX, February 2018

LaBianca R, Barakat O, Green J, Liang D, Peak J, **Hamblin S**, Collins D. Impact of dose-capping on time to therapeutic anti-Xa levels for weight-based unfractionated heparin. Society of Critical Care Medicine's 47th Critical Care Congress, San Antonio, TX, February 2018

Maguigan K, **Hamblin S**, Mulherin D, Mills B, Wang L, Adams R. Tolerance of enteral nutrition in patients with traumatic spinal cord injury receiving vasopressors. Society of Critical Care Medicine's 47th Critical Care Congress, San Antonio, TX, February 2018

**Hamblin S**, Huenecke J, Lobo B. Experience Using 4-Factor Prothrombin Complex Concentrate at a Large Academic Medical Center. Accepted for the presentation at the 2016 Annual ACCP Meeting on Clinical Pharmacy, Hollywood, FL, October 2016 (subsequently withdrawn due to travel restriction)

Dennis BM, Gondek SP, **Hamblin S**, Guillaumondegui OG. Streamlining Hemothorax Management: Use of an Evidence-based Algorithm to Standardize Care, 46th Annual Meeting of the Western Trauma Association, Lake Tahoe, CA, March 2016

Hammond D, Harris S, Kopp B, **Hamblin S**. Implementation and Perceptions of a Critical Care Pharmacist's Mentor-Mentee Program. Society of Critical Care Medicine's 45th Critical Care Congress, Orlando, FL, February 2016

Maguigan K, Dennis B, **Hamblin S**, Guillamondegui O. Method of Hypertonic Saline Administration: Effects on Osmolality in Traumatic Brain Injury Patients, 12<sup>th</sup> Annual Academic Surgical Congress, Jacksonville, FL, February 2016

Maguigan K, **Hamblin S**, Dennis B, Guillamondegui O. Hypertonic Saline and Acute Kidney Injury in Traumatic Brain Injury. Society of Critical Care Medicine's 45<sup>th</sup> Critical Care Congress, Orlando, FL, February 2016

Kenes M, Kahn S, **Hamblin S**, Reed J, Guillamondegui O, Miller R. Effect of Scheduled Acetaminophen on Intravenous Opioid Use in Trauma Patients. Society of Critical Care Medicine's 44<sup>th</sup> Critical Care Congress, Phoenix, AZ, January 2015

Caylor M, **Hamblin S**, Johnson D, Guillamondegui O, Dennis B. Efficacy of Intrapleural tPA for Retained Hemothorax in Trauma Patients: Experience at an Academic Level One Trauma Center. Society of Critical Care Medicine's 44<sup>th</sup> Critical Care Congress, Phoenix, AZ, January 2015

**Hamblin S**, Bullington E, Rumbaugh K, Hobt-Bingham T, Guillamondegui O. Compliance with an Electronic Electrolyte Replacement Protocol in Surgical and Trauma Patients. Society of Critical Care Medicine's 43<sup>rd</sup> Critical Care Congress, San Francisco, CA, January 2014

W. Paul Moore, **Hamblin S**, Jenkins J, Patel M, Pouliot J, Collier B. Effects of Antioxidant Supplementation on the Incidence of Atrial Arrhythmias in Trauma Patients at an Academic Level I Trauma Center. Society of Critical Care Medicine's 42<sup>nd</sup> Critical Care Congress, San Juan, Puerto Rico, January 2013

Dortch M, Pouliot J, **Hamblin S**, Moore P, Eckert M, Thompson J, May A. Factors Associated with Prolonged Antibiotic Use in the Setting of Suspected Pneumonia and Negative Bronchoalveolar Lavage Cultures. Society of Critical Care Medicine's 42<sup>nd</sup> Critical Care Congress, San Juan, Puerto Rico, January 2013

**Hamblin S**, Miller RS. Prevention of Adverse Drug Events and Cost-Savings Associated with PharmD Interventions in an Academic Level 1 Trauma Center: a Conservative, Evidence-Based Approach", 42<sup>nd</sup> Annual Meeting of the Western Trauma Association, Veil, CO, March 2012

Dortch M, **Hamblin S**, Kauffman R, Norris P, May A. Combination Empiric Therapy for Gram-Negative Healthcare-Associated Infections: Adequacy of Aminoglycosides versus Fluoroquinolones in the Setting of Beta-Lactam Resistance, Society of Critical Care Medicine's 40<sup>th</sup> Critical Care Congress, San Diego, CA, January 2011

**Hamblin S**, Furmanek DL. Optimal Methods of Transitioning from Intravenous Nicardipine to Oral Antihypertensives: A Pilot Study, Society of Critical Care Medicine's 39<sup>th</sup> Critical Care Congress. Miami, FL, January 2010

**Hamblin S**, Finch CF, Hurdle AC, Broyles JE, Deaton PR, Boswell RL, Wan JY, Nuckolls J. Early Versus Delayed Enteral Nutrition in Critically Ill Medical Patients, Society of Critical Care Medicine's 38<sup>th</sup> Critical Care Congress. Nashville, TN, February 2009



## PEER-REVIEWED JOURNAL PUBLICATIONS

Schmidt LE, **Hamblin SE**, Jaynes MP, Atchison L, Beavers JR, Dennis BM. Optimization of Sedative Therapies Leads to Potential Pentobarbital Cost Avoidance in Treatment of Refractory Intracranial Hypertension. *Annals of Pharmacotherapy*. 2021;55(2):269-270.

Pouliot JD, Dortch MJ, Givens G, Tidwell W, **Hamblin SE**, May AK. Factors associated with prolonged antibiotic use in the setting of suspected pneumonia and negative bronchoalveolar lavage cultures. *Hospital Pharmacy*. 2020; doi.org/10.1177/0018578720918548

**Hamblin S**, Burka A. Ramelteon for ICU delirium prevention: is it time to melt away? *Critical Care Medicine*. 2019;47(12): 1813-1815.

Smith S, **Hamblin S**, Dennis B. Effect of neuromuscular blocking agents on sedation requirements in trauma patients with an open abdomen. *Pharmacotherapy*. 2019; 39(3): 271-279.

Hammond D, Holt T, Harris S, Caylor M, Kopp B, **Hamblin S**. Perceptions of critical care pharmacists participating in a formal mentor-mentee program. *Am J Health-Syst Pharm*. 2018;75 (21):1691-93.

Smith S, **Hamblin S**, Guillaumondegui O, Dennis B. Effectiveness and safety of continuous neuromuscular blockade in trauma patients with an open abdomen: a follow-up study. *Am J Surg*. 2018;216: 414-419.

**Hamblin S**, Smith S. Inhaled Antibiotics: Do as We Say Not as We Study. *Critical Care Medicine*. 2018;46(1):159-161.

Mirhoseini M, **Hamblin SE**, Moore WP, Pouliot J, Jenkins JM, Wang W, Chandrasekhar R, Collier BR, Patel MB. Antioxidant Supplementation and Atrial Arrhythmias in Critically Ill Trauma Patients. *Journal of Surgical Research*. 2018;222:10-16.

Alali A, Mukherjee K, McCredie V, Golan E, Shah P, Bardes J, **Hamblin S**, Haut E, Jackson J, Khwaja K, Patel N, Raj S, Wilson L, Nathens A, Patel M. Beta-blockers and traumatic brain injury: a systematic review and meta-analysis. *Annals of Surgery*. 2017;266(6):952-961.

Maguigan K, Dennis BM, **Hamblin SE**, Guillaumondegui OD. Method of hypertonic saline administration: effects on osmolality in traumatic brain injury patients. *Journal of Clinical Neuroscience*. 2017;39:147-150.

Dennis BM, Gondek S, Guyer R, **Hamblin S**, Gunter O, Guillaumondegui O. Use of an evidence-based algorithm for patients with traumatic hemothorax reduces need for additional interventions. *The Journal of Trauma and Acute Care Surgery*. 2017;82(4):728-732.

Kenes M, **Hamblin S**, Tumuluri S, Guillaumondegui O. Syndrome of inappropriate antidiuretic hormone in a patient receiving high-dose haloperidol and quetiapine therapy. *The Journal of Neuropsychiatry and Clinical Neurosciences*. 2016;28(2):e-29-e30.

**Hamblin S**, Rumbaugh K, Miller R. Prevention of adverse drug events and cost savings associated with PharmD interventions in an academic Level 1 trauma center: an evidence-based approach. *The Journal of Trauma and Acute Care Surgery*. 2012;73:1482-1488.

**Hamblin SE**, Furmanek DL. Intrapleural tissue plasminogen activator for parapneumonic effusion. *Pharmacotherapy*. 2010; 30(8): 855-862.

**Hamblin Woo SE**, Finch CK, Broyles JE, Wan J, Boswell R, Hurdle A. Early versus delayed enteral nutrition in critically ill medical patients. *Nutrition in Clinical Practice*. 2010; 25: 205-211.

## **BOOK CHAPTER PUBLICATIONS**

**Hamblin S**. Acute Traumatic Brain Injury Management. In Boucher BA, Haas CE, eds. Critical Care Self-Assessment Program, Fall 2021 Release.

**Hamblin S**, Rumbaugh K. Endocrine Emergencies. In Boucher BA, Haas CE, eds. Critical Care Self-Assessment Program, 2018 Book II. Medical Issues in the ICU. Lenexa, KS: American College of Clinical Pharmacy, 2018: 83-106.

## **BOOK CHAPTER REVIEWS**

Reviewer. Chapter authors: Kopp B. The Role of Pharmacotherapy in the Treatment of the Multiple Trauma Patient. In Critical Care Pharmacotherapy, Second Edition. American College of Clinical Pharmacy. Anticipated release fall 2021.

Reviewer. Chapter authors: Gibson G, Human T. Hemostasis/Transfusion Therapy. In Critical Care Self-Assessment Program, 2020 Book 1. Cardiovascular Critical Care. Spring 2020.

Expert Reviewer. Chapter authors: Kopp B, Droege M. Management of the Patient with Multisystem Trauma. In Critical Care Self-Assessment Program, 2019 Book 2. Surgical Patients in the ICU. Spring 2019

## **RESEARCH**

Principle Investigator, APPE Readiness Plan Curriculum Integration. Lipscomb University College of Pharmacy. Collaborative Scholarship of Teaching and Learning (August 2021 – Present)

Research Project Co-Advisor, Safety of NSAID use in Traumatic Brain Injury, VUMC. Pharmacy Residency Project (August 2021 – Present)

Principle Investigator, Pentobarbital for Severe Traumatic Brain Injury, VUMC and Lipscomb University College of Pharmacy. Multiprofessional Research (July 2021 – Present)

Co-Investigator, Short versus Extended Course of Prophylactic Antibiotics for Grade III Open Fractures, VUMC and Lipscomb University College of Pharmacy. Multiprofessional Research (December 2020 – Present)

Principal Investigator, Safety and Efficacy of 4-Factor PCC for Factor Xa Inhibitor Reversal in Trauma. VUMC and Lipscomb University College of Pharmacy. Student/Faculty Research (January 2020 – Present)

Principle Investigator, Intrapleural tPA for Retained Hemothorax in Trauma Patients. VUMC and Lipscomb University College of Pharmacy. Quality Improvement Research Project (July 2018 – Present)

Co-investigator, Early Post-Traumatic Seizure Prophylaxis Omission in a Low-Risk Elderly Trauma Population, VUMC. Pharmacy Residency Project (July 2018 – July 2019)

Research Project Advisor, Gabapentin Effect on Pain Scores when Added to Opioids in Orthopedic Trauma Patients, VUMC. Pharmacy Residency Project (July 2017 – July 2018)

Research Project Advisor, Antibiotic Timing Effect on Traumatic Open Fractures. VUMC. Critical Care Residency Project (July 2017 – July 2018). Accepted to the Society of Critical Care Medicine's 48<sup>th</sup> Critical Care Congress

Research Project Advisor, Effectiveness and Safety of Continuous Neuromuscular Blockade in Trauma Patients with an Open Abdomen: a Follow-Up Study. VUMC. Critical Care Residency Project (July 2016 – July 2017). Presented at the 76<sup>th</sup> Annual Meeting of the American Association for the Surgery of Trauma

Research Project Advisor, Efficacy and Safety of Early Venous Thromboembolism Prophylaxis Following Traumatic Spinal Injury Requiring Surgical Intervention. VUMC. Pharmacy Residency Project (August 2016 – June 2017). Presented at the Society of Critical Care Medicine's 47<sup>th</sup> Critical Care Congress

Research Project Advisor, Tolerance of Enteral Nutrition in Patients with Traumatic Spinal Cord Injury Receiving Vasopressors. VUMC. Critical Care Residency Project. (July 2015 – July 2016). Presented at the Society of Critical Care Medicine's 47<sup>th</sup> Critical Care Congress

Research Project Advisor, Efficacy and Outcomes of Continuous Infusion Hypertonic Saline in Patients with Traumatic Brain Injury: Experience at an Academic Level 1 Trauma Center Vanderbilt University Medical Center. VUMC. Pharmacy Residency Project (September 2014 – July 2015). Presented at the 11<sup>th</sup> Academic Surgical Congress 2016

Co-Investigator, Use of an Evidence-Based Algorithm for Patients with Traumatic Hemothorax Reduces Need for Additional Interventions, VUMC. Department of Surgery and Trauma. (September 2013 – October 2015). Presented at the 46<sup>th</sup> Annual Meeting of the Western Trauma Association

Research Project Advisor, Efficacy of Intrapleural tPA for Retained Hemothorax in Trauma Patients: Experience of an Academic Level I Trauma Center. VUMC. Pharmacy Residency Project (September 2013 – July 2014). Presented at the Society of Critical Care Medicine's 44<sup>th</sup> Critical Care Congress

Research Project Advisor, Open Fracture Prophylaxis Protocol Compliance and Outcomes at an Academic Level I Trauma Center. VUMC. Pharmacy Residency Project (October 2012 – July 2013). Presented at the Tennessee Chapter of the American College of Surgery Annual Meeting 2013

Data Safety Monitoring Board Member, DASH after TBI Study: Decreasing Adrenergic or Sympathetic Hyperactivity After Severe Traumatic Brain Injury, A Pilot Randomized Controlled Trial Using Propranolol and Clonidine. VUMC, Department of Surgery/Trauma (March 2012 – July 2015)

Co-investigator, Factors Associated with Prolonged Antibiotic Use in the Setting of Suspected Pneumonia and Negative Bronchoalveolar Lavage Cultures. VUMC, Department of Pharmacy (March 2012 – September 2012). Presented at the Society of Critical Care Medicine's 42<sup>nd</sup> Critical Care Congress

Research Project Advisor, Effects of Antioxidant Supplementation on the Incidence of Atrial Arrhythmias in Trauma Patients at an Academic Level I Trauma Center. VUMC. Pharmacy Residency Project (October 2011 – July 2012). Presented at the Society of Critical Care Medicine's 42<sup>nd</sup> Critical Care Congress

Principal Investigator, Optimal Methods of Transitioning from Intravenous Nicardipine to Oral Antihypertensives. Greenville Memorial Medical Center. Critical Care Pharmacy Residency Project. (November 2008 – June 2009). Presented at the Society of Critical Care Medicine's 39<sup>th</sup> Critical Care Congress

Principal Investigator, Early Versus Delayed Enteral Nutrition in the Critically Ill. Methodist Healthcare-University Hospital. Pharmacy Practice Residency Project. (October 2007 – June 2008). Presented at the Society of Critical Care Medicine’s 38th Critical Care Congress

## **RESEARCH GRANTS**

Faculty advisor for resident investigator applying for the Vanderbilt Institute for Clinical and Translational Research Grant (\$5,000) for the project entitled *Gabapentin Effect on Opioid Usage in Orthopedic Trauma Patients*. VUMC. April 2018.

Faculty advisor for resident investigator applying for the Vanderbilt Institute for Clinical and Translational Research Grant (\$5,000) for the project entitled *Effect of early antibiotic administration on deep tissue infection rates among open tibia fracture trauma patients*. VUMC. April 2018.

Faculty advisor for resident investigator receiving the Vanderbilt Institute for Clinical and Translational Research Grant (\$5,000) for the project entitled *Tolerance of Enteral Nutrition in Patients with Traumatic Spinal Cord Injury Receiving Vasopressors*. VUMC. February 2016.

Recipient of the Mississippi Society of Health-System Pharmacists Grant (\$2,500) for the project entitled *Evaluation of Strategies for Improving Pneumococcal Vaccination Rates*. University of Mississippi Medical Center. August 2006.

## **PROFESSIONAL HONORS**

P3 Pharmacy Faculty of the Year, Lipscomb University College of Pharmacy, May 2021  
Fellow of the American College of Critical Care Medicine, Induction Ceremony February 2019  
Presidential Citation, Society of Critical Care Medicine, February 2016, January 2017  
Vanderbilt Department of Pharmaceutical Services CREDO Award, October 2015  
Pharmacy Practice Residency Preceptor of the Year, June 2011

## **COMMUNITY INVOLVEMENT**

Brentwood Baptist Church  
Special Needs Ministry Volunteer, 2016 – Present  
Youth Life Group Leader, 2016 – 2021  
Tent Seekers Christmas Caroling Organizer, Grace Healthcare, 2015, 2016, 2018  
Tornado Relief Mission Trip, Rainsville, AL, 2011  
Member, 2010 – Present

## **REFERENCES**

Available Upon Request