

## CURRICULUM VITAE

### **MATTHEW T. BAMBER, PHARM.D., MBA, BCCCP, CPP**

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#### **EDUCATION**

**Master of Business Administration** May 2009 – June 2011  
Western New England University, Springfield, Massachusetts

**Doctor of Pharmacy** August 2005 – May 2009  
Palm Beach Atlantic University, West Palm Beach, Florida

**Pre-Pharmacy Requirements** August 2003 – May 2005  
Western New England College, Springfield, Massachusetts

#### **PROFESSIONAL EXPERIENCE**

**Emergency Medicine Pharmacy Supervisor** September 2023 – Present  
**PGY2 Emergency Medicine Program Director** October 2022 – Present  
**PGY1 Residency Program Coordinator** January 2017 – September 2023  
**Clinical Pharmacist, Emergency Department** August 2013 – September 2023  
FirstHealth Moore Regional Hospital, Pinehurst, North Carolina  
Supervisor: Drew Kessell, Pharm.D., MBA, MS

- Medication error analysis
- Policy, guideline, and protocol revision and development
- Design and implementation of residency program
- Forensic chart review and assessment
- Manage emergency department pharmacy staff
- Provide bedside care for patients in the emergency department
- Provide therapy recommendations to providers in the care of patients

**Consultant Pharmacist/Owner** June 2018 – Present  
Sandhills Pharmacy Consultants, Whispering Pines, North Carolina

- Assessment and recommendations related to of accrediting body compliance
- Auditing controlled substance logs
- Analysis and recommendation of policy changes for regulatory compliance
- Education for clinical staff
- Provide drug information to clients

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### **PROFESSIONAL EXPERIENCE, cont.**

**Pharmacist**

Seven Lakes Prescription Shoppe  
Supervisor: Rob Barrett, Pharm.D.

August 2015 – June 2017

**PGY-2 Critical Care Pharmacy Residency**

Orlando Health, Orlando, Florida  
Director: Kara Birrer, Pharm.D., BCPS

July 2012 – June 2013

**PGY-1 Pharmacy Residency**

Sentara Healthcare, Virginia Beach, Virginia  
Director: Neil Davis, Pharm.D.

June 2011 – June 2012

**Clinical Pharmacist**

Sentara CarePlex Hospital, Hampton, Virginia  
Supervisor: Ed Elzarian, MS Pharm

August 2009 – June 2011

**Pharmacist**

Target Pharmacy, Hampton, Virginia

August 2010 – June 2011

**Volunteer Pharmacist**

Lackey Free Clinic, Yorktown, Virginia

November 2009 – June 2011

### **PROFESSIONAL LICENSURES AND CERTIFICATIONS**

North Carolina Clinical Pharmacist Practitioner

October 2025 – Present

Basic Life Support (BLS) Instructor

August 2021 – Present

Advanced Cardiac Life Support (ACLS) Instructor

August 2018 – Present

North Carolina Real Estate License

September 2016 – Present

Board Certification of Critical Care Pharmacists (BCCCP)

October 2016 – Present

Pediatric Advanced Life Support (PALS)

July 2014 – Present

Pharmacy Licensure – North Carolina

July 2013 – Present

Advanced Cardiac Life Support (ACLS)

April 2011 – August 2018

Pharmacy Licensure – Virginia

August 2009 – Present

Pharmacy Licensure – Florida

August 2009 – October 2017

Basic Life Support (BLS)

May 2005 – August 2021

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### SCIENTIFIC ABSTRACTS AND RESEARCH EXPERIENCE

Brown, ME, **Bamber MT**, Markle, W – “Insulin Treatment Strategies for Emergent Hyperkalemia”

- *Resident Poster Presentation*, ASHP Midyear Clinical Meeting, Las Vegas, Nevada, December 2025

Mudgett B, Thurber C, **Bamber MT**, Kessell A – “Evaluation of baricitinib use in hospitalized COVID-19 patients in a rural community hospital”

- *Platform Presentation*, Southeastern Residency Conference, Virtual; April 2022
- *Resident Poster Presentation*, ASHP Midyear Clinical Meeting, Virtual, December 2021

Jassmann D, Norris J, **Bamber MT** – “Comparison of andexanet alfa versus 4-factor prothrombin complex concentrate for the reversal of intracranial hemorrhage in patients taking direct oral anticoagulants”

- *Platform Presentation*, Southeastern Residency Conference, Virtual; April 2022
- *Resident Poster Presentation*, ASHP Midyear Clinical Meeting, Virtual, December 2021

Creathorn F, Norris J, **Bamber MT** – “Evaluate the compliance with guideline recommendations of diabetic ketoacidosis and hyperosmolar hyperglycemic state management at FirstHealth Moore Regional Hospital”

- *Platform Presentation*, Southeastern Residency Conference, Virtual; April 2021
- *Resident Poster Presentation*, ASHP Midyear Clinical Meeting, Virtual, December 2020

Sorgenfrei B, Norris J, **Bamber MT**, Kessell A – “Fluid Resuscitation in Septic Shock Patients Requiring Mechanical Ventilation: Dosing Weight Correlation to Time to Extubation”

- *Resident Poster Presentation*, ASHP Midyear Clinical Meeting, Las Vegas, Nevada; December 2019

Huffman C, **Bamber MT**, Kessell A, Norris J – “Impact of Emergency Medicine Pharmacists on Door-to-Needle Time for Intravenous Alteplase in Acute Ischemic Stroke Patients”

- *Platform Presentation*, Southeastern Residency Conference, Athens, Georgia; April 2019
- *Resident Poster Presentation*, ASHP Midyear Clinical Meeting, Anaheim, California; December 2018

Lin H, **Bamber MT**, Kessell A, Krupp A, Depew J – “Sedative Selection in Procedural Sedation and Their Effects on Emergency Department Bed Turnover Time”

- *Platform Presentation*, Southeastern Residency Conference, Athens, Georgia; April 2018
- *Resident Poster Presentation*, ASHP Midyear Clinical Meeting, Orlando, Florida; December 2017

**Bamber MT**, Brady JM, Rihani DS – “Evaluation of Emergency Department Management of Diabetic Ketoacidosis and Hyperglycemic Hyperosmolar Syndrome”

- *Platform Presentation*, Florida Residency Conference, Gainesville, Florida; May 2013

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### SCIENTIFIC ABSTRACTS AND RESEARCH EXPERIENCE, cont.

**Bamber MT, Davis ME** – “Antimicrobial Resistance Patterns for Urinary Tract Infections in a Regional Health System Emergency Department”

- *Platform Presentation*, Eastern States Residency Conference, Hershey, Pennsylvania; May 2012
- *Resident Poster Presentation*, ASHP Midyear Clinical Meeting, New Orleans, Louisiana; December 2011

### PROFESSIONAL PRESENTATIONS

“Don’t Stop Bre-athing!” Lecture to emergency medicine nursing staff at FirstHealth of the Carolinas, North Carolina; March 2026

“Shock and Awe: Becoming a Master of Managing Vasopressors” Lecture to emergency medicine nursing staff at FirstHealth of the Carolinas, North Carolina; March 2026

“The Building Blocks of Providing Feedback” Lecture to pharmacists at FirstHealth of the Carolinas, North Carolina; May 2025

“Malignant Hyperthermia” Lecture to nurses and surgical assistants at Pinehurst Surgical Clinic, North Carolina; July-August 2022.

“Toxicology” Lecture to nurses in the Emergency Department at FirstHealth Moore Regional Hospital, North Carolina; annually 2014-2018.

“Effect of Heart Rate Control With Esmolol on Hemodynamic and Clinical Outcomes in Patients With Septic Shock” *ACPE-Accredited Continuing Education* presentation to Moore Pharmacists at FirstHealth Moore Regional Hospital, North Carolina; November 2013.

“Acute Ischemic Stroke” Pharmacy Grand Rounds presentation to Pharmacy Department at Orlando Health, Florida; April 2013.

“Pediatric Rapid Sequence Intubation” Case presentation to Pharmacy Department at Arnold Palmer Medical Center, Florida; March 2013.

“Secondary Stroke Prevention” Pharmacy Grand Rounds presentation to Pharmacy Department at Orlando Health, Florida; February 2013.

“Managing Those Painful Sensations...Utilizing Procedural Sedation” *ACPE-Accredited Continuing Education* presentation to Pharmacy Department at Orlando Health, Florida; November 2012.

“How Low Can You Go?” – A Review of Cerebral Salt Wasting” Pharmacy Grand Rounds presentation to Pharmacy Department at Orlando Health, Florida; September 2012.

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### PROFESSIONAL PRESENTATIONS, cont.

“Aortic Dissection” Case presentation to Pharmacy Department at Sentara Norfolk General Hospital, Virginia; March 2012.

“Piecing Together Puzzling Platelets” Case presentation to Pharmacy Department at Sentara Norfolk General Hospital, Virginia; February 2012.

“‘Don’t Hold Your Breath’ – A Review of Rapid Sequence Intubation and Sedation” *ACPE-Accredited Continuing Education* presentation to Pharmacy Department at Sentara Healthcare, Virginia; February 2012.

“Hereditary Angioedema” Case presentation to Pharmacy Department at Sentara Healthcare, Virginia; November 2011.

“Complera® drug monograph” Presented to Infectious Disease Committee meeting at Sentara Healthcare, Virginia; October 2011.

“Balancing the HIES and Lows of Job’s Syndrome” Case presentation to Pharmacy Department at Sentara Healthcare, Virginia; September 2011.

### TEACHING EXPERIENCE

#### **Preceptor: PGY-2 Emergency Medicine Residency**

|   |                     |
|---|---------------------|
| Critical Care 2 – Acute Care Transitions Learning Experience      | June 2023 – Present |
| Education Learning Experience                                     | June 2023 – Present |
| Emergency Medicine – Trauma/Neurology Learning Experience         | June 2023 – Present |
| Emergency Medicine – Cardiovascular/Pulmonary Learning Experience | June 2023 – Present |
| Emergency Medicine – GI/Renal/Endocrine Learning Experience       | June 2023 – Present |
| Emergency Medicine – Infectious Diseases Learning Experience      | June 2024 – Present |
| Emergency Medicine – Administration Learning Experience           | June 2023 – Present |
| Introduction to Emergency Medicine Learning Experience            | June 2023 – Present |
| Medical Emergency Response Learning Experience                    | June 2024 – Present |
| Orientation Learning Experience                                   | June 2023 – Present |
| Practice-Based Project Learning Experience                        | June 2023 – Present |
| Toxicology Learning Experience                                    | June 2024 – Present |
| FirstHealth Moore Regional Hospital<br>Pinehurst, North Carolina  |                     |

#### **Preceptor: Institutional**

November 2020 – June 2024

Emergency Medicine Elective Learning Experience  
High Point University School of Pharmacy  
High Point, North Carolina

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### PROFESSIONAL PRESENTATIONS, cont.

#### Preceptor: PGY-1 Pharmacy Practice Residency

Practice-Based Project Learning Experience

June 2017 – Present

Education Learning Experience

June 2017 – June 2023

Orientation Learning Experience

June 2017 – June 2023

Acute Care Transitions Learning Experience

June 2017 – Present

Emergency Medicine II Learning Experience

June 2017 – Present

Emergency Medicine Learning Experience

January 2014 – Present

FirstHealth Moore Regional Hospital

Pinehurst, North Carolina

#### Preceptor: Institutional

November 2015 – Present

Emergency Medicine Elective Learning Experience

Campbell University School of Pharmacy

Buies Creek, North Carolina

#### Preceptor: Institutional

November 2014 – Present

Emergency Medicine Elective Learning Experience

University of North Carolina School of Pharmacy

Chapel Hill, North Carolina

### ORDER SETS, PROJECTS, GUIDELINES and PROTOCOLS

#### Order Sets/Panels

Sepsis Medications Order Set, revisions

October 2025 – January 2026

ED and System-Wide DKA Order Set, revisions

August 2025 – Present

Ketamine Order Panel, creation

June 2025 – Present

ICP Management Order Set, revisions

August 2024 – December 2025

Pediatric Alteplase Order Set, creation

April 2025 – December 2025

System-Wide Hyperkalemia Order Panel, revisions

April 2025 – August 2025

Pulmonary Embolism Order Set, revisions

May 2025 – November 2025

Myocardial Infarction Order Set, revisions

May 2025 – November 2025

Adult and Pediatric Anaphylaxis Order Set, creation

November 2024 – May 2025

Obstetric Emergencies Order Set, review

July 2024

ED IV Push Dose Antibiotics, creation

July 2024 – December 2025

Pediatric DKA Order Set, creation

October 2023 – December 2025

ED Hyperkalemia Medications Order Panel, revisions

September 2024 – December 2024

Euglycemic DKA Order Set, creation

October 2023 – April 2025

Hypertonic Hyperosmolar Syndrome Order Set, creation

October 2023 – April 2025

Calcium Channel and Beta Blocker Overdose Order Set, creation

October 2023 – April 2025

Hypertriglyceridemia Order Set, creation

October 2023 – April 2025

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### ORDER SETS, PROJECTS, GUIDELINES and PROTOCOLS, cont.

#### Projects

|   |                              |
|---|------------------------------|
| Establishment of Omnicell in CT                           | October 2025 – February 2026 |
| Downtime Process for ED Pharmacy Practices                | August 2025                  |
| Tenecteplase Administration in CT Scan Implementation     | June 2025 – Present          |
| Medication History CBL                                    | April 2025 – November 2025   |
| Medication History Standard Work                          | January 2025 – April 2025    |
| Emergency Medicine Pharmacist Training Process            | January 2025                 |
| Decentralized ED Pharmacist Compounding Implementation    | November 2024 – June 2025    |
| Tenecteplase for Acute Ischemic Stroke Conversion         | November 2024 – April 2025   |
| Emergency Medicine Pharmacist Competencies, revisions     | June 2025                    |
| Medication History Specialist Competencies, revisions     | June 2025                    |
| Direct Patient Care Documentation iVent Template Creation | October 2024                 |
| Implementation of Medication History Collection in SAU    | April 2024                   |
| Expansion of Medication History Specialist Program        | November 2023                |
| Medication History Prioritization Algorithm               | October 2023                 |
| Pharmacist Response to Code Blue                          | December 2019 – July 2023    |
| Medication Reconciliation Technician Optimization         | November 2019 – June 2022    |
| Emergency Department Omnicell Standardization             | August 2019 – December 2019  |
| Rapid Sequence Intubation Kit Creation and Implementation | December 2014                |

#### Guideline

|                                   |                        |
|-----------------------------------|------------------------|
| Stroke Alert Algorithm (Code ICH) | October 2025 – Present |
|-----------------------------------|------------------------|

#### Medication Use Evaluation

|                                  |                         |
|----------------------------------|-------------------------|
| Heparin Drip Protocol Compliance | June 2023 – August 2024 |
|----------------------------------|-------------------------|

#### Protocol

|                                      |               |
|--------------------------------------|---------------|
| Intranasal Medication Administration | February 2014 |
|--------------------------------------|---------------|

### COMMITTEES AND LEADERSHIP

#### Sepsis Committee

|  |                        |
|--|------------------------|
| FirstHealth Moore Regional Hospital<br>Pinehurst, North Carolina | October 2025 – Present |
|--|------------------------|

#### Membership Committee

|   |                     |
|---|---------------------|
| Society of Emergency Medicine Pharmacists | June 2025 – Present |
|---|---------------------|

#### ED Code Blue Committee

|  |                         |
|--|-------------------------|
| FirstHealth Moore Regional Hospital<br>Pinehurst, North Carolina | November 2023 – Present |
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### **COMMITTEES AND LEADERSHIP, cont.**

**Pharmacy Administration Committee** September 2023 – Present  
FirstHealth Moore Regional Hospital  
Pinehurst, North Carolina

**Stroke Committee** June 2023 – Present  
FirstHealth Moore Regional Hospital  
Pinehurst, North Carolina

**Residency Advisory Committee PGY2 Residency** October 2022 – Present  
FirstHealth Moore Regional Hospital  
Pinehurst, North Carolina

**Committee for the Advancement of Pharmacy Practice (CAPP)** June 2022 – Present  
FirstHealth Moore Regional Hospital  
Pinehurst, North Carolina

**Code Blue Committee, System-Wide** October 2019 – Present  
FirstHealth Moore Regional Hospital  
Pinehurst, North Carolina

**Sepsis Committee** January 2016 – December 2017  
FirstHealth Moore Regional Hospital  
Pinehurst, North Carolina

**Residency Advisory Committee PGY1 Residency** August 2014 – Present  
FirstHealth Moore Regional Hospital  
Pinehurst, North Carolina

**Emergency Department Operations** August 2014 – Present  
FirstHealth Moore Regional Hospital  
Pinehurst, North Carolina

### **GLOBAL HEALTH**

Medical Missions Trip, Port-au-Prince, Haiti October 2014  
Medical Missions Trip, Kawangware, Kenya June 2014  
Medical Missions Trip, Kawangware, Kenya June 2011  
Medical Missions Trip, San Pedro de Marcoris, Dominican Republic November 2010  
Medical Missions Trip Leader, San Pedro de Marcoris, Dominican Republic June 2010  
Medical Missions Trip, San Pedro de Marcoris, Dominican Republic July 2009  
Medical Missions Trip, San Pedro de Marcoris, Dominican Republic July 2008  
Medical Missions Trip, San Pedro de Marcoris, Dominican Republic July 2007

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## **HONORS AND AWARDS**

FirstHealth of the Carolinas Preceptor of the Year

July 2019

Lloyd L. Gregory School of Pharmacy Servant Leadership Award

May 2009

## **PROFESSIONAL AFFILIATIONS**

Society of Emergency Medicine Pharmacists

April 2025 – Present

American Society of Health System Pharmacists

November 2017 – Present

Florida Society of Health System Pharmacists

September 2012 – December 2013

Society of Critical Care Medicine

June 2012 – December 2013

Virginia Society of Health System Pharmacists

August 2010 – August 2012

Christian Pharmacists Fellowship International

August 2006 – December 2012

American Pharmacists Association

October 2006 – October 2009

Phi Lambda Sigma Honor Society

February 2006 – May 2009

Florida Pharmacy Association

November 2006 – November 2009

Kappa Psi Pharmaceutical Fraternity

November 2005 – Present