

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 Pharmacy Residency Program Director October 2022 – Present

PGY1 Pharmacy Practice 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”

- *Platform Presentation*, Southeastern Residency Conference, Athens, Georgia; April 2026
- *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

“2026 Stroke Care Updates: What Matters For Pharmacists” Lecture to internal and external pharmacists at FirstHealth of the Carolinas, North Carolina; May 2026.

“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.

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PROFESSIONAL PRESENTATIONS, cont.

“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.

“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 Pinehurst, North Carolina	

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TEACHING EXPERIENCE, cont.

Preceptor: Institutional

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

November 2020 – June 2024

Preceptor: PGY-1 Pharmacy Practice Residency

Practice-Based Project Learning Experience
Education Learning Experience
Orientation Learning Experience
Acute Care Transitions Learning Experience
Emergency Medicine II Learning Experience
Emergency Medicine Learning Experience
FirstHealth Moore Regional Hospital
Pinehurst, North Carolina

June 2017 – Present
June 2017 – June 2023
June 2017 – June 2023
June 2017 – Present
June 2017 – Present
January 2014 – Present

Preceptor: Institutional

Emergency Medicine Elective Learning Experience
Campbell University School of Pharmacy
Buies Creek, North Carolina

November 2015 – Present

Preceptor: Institutional

Emergency Medicine Elective Learning Experience
University of North Carolina School of Pharmacy
Chapel Hill, North Carolina

November 2014 – Present

ORDER SETS, PROJECTS, GUIDELINES and PROTOCOLS

Order Sets/Panels

Sepsis Medications Order Set, revisions
ED and System-Wide DKA Order Set, revisions
Ketamine Order Panel, creation
ICP Management Order Set, revisions
Pediatric Alteplase Order Set, creation
System-Wide Hyperkalemia Order Panel, revisions
Pulmonary Embolism Order Set, revisions
Myocardial Infarction Order Set, revisions
Adult and Pediatric Anaphylaxis Order Set, creation
Obstetric Emergencies Order Set, review
ED IV Push Dose Antibiotics, creation
Pediatric DKA Order Set, creation
ED Hyperkalemia Medications Order Panel, revisions
Euglycemic DKA Order Set, creation

October 2025 – January 2026
August 2025 – Present
June 2025 – Present
August 2024 – December 2025
April 2025 – December 2025
April 2025 – August 2025
May 2025 – November 2025
May 2025 – November 2025
November 2024 – May 2025
July 2024
July 2024 – December 2025
October 2023 – December 2025
September 2024 – December 2024
October 2023 – April 2025

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ORDER SETS, PROJECTS, GUIDELINES and PROTOCOLS, cont.

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
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, 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
Pinehurst, North Carolina

October 2025 – Present

Membership Committee

Society of Emergency Medicine Pharmacists

June 2025 – Present

ED Code Blue Committee

FirstHealth Moore Regional Hospital
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