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
-Analyze medication errors and medication-use events
-Develop and revise policies, guidelines and clinical protocols
-Design and oversee residency programs
-Conduct forensic chart review and clinical assessment
-Manage emergency department pharmacy staff
-Provide bedside pharmaceutical care in the emergency department
-Provide pharmacotherapy recommendations to physicians and providers

Consultant Pharmacist/Owner June 2018 – Present
Sandhills Pharmacy Consultants, Whispering Pines, North Carolina
-Assess compliance with accrediting-body standards and provide recommendations
-Audit controlled-substance logs
-Analyze policies and recommend changes for regulatory compliance
-Educate clinical staff
-Provide drug information to clients

PROFESSIONAL EXPERIENCE, cont.

Pharmacist August 2015 – June 2017
Seven Lakes Prescription Shoppe
Supervisor: Rob Barrett, Pharm.D.

PGY2 Critical Care Pharmacy Residency July 2012 – June 2013
Orlando Health, Orlando, Florida
Director: Kara Birrer, Pharm.D., BCPS

PGY1 Pharmacy Residency June 2011 – June 2012
Sentara Healthcare, Virginia Beach, Virginia
Director: Neil Davis, Pharm.D.

Clinical Pharmacist August 2009 – June 2011
Sentara CarePlex Hospital, Hampton, Virginia
Supervisor: Ed Elzarian, MS Pharm

Pharmacist August 2010 – June 2011
Target Pharmacy, Hampton, Virginia

Volunteer Pharmacist November 2009 – June 2011
Lackey Free Clinic, Yorktown, Virginia

PROFESSIONAL LICENSURES AND CERTIFICATIONS

North Carolina Clinical Pharmacist Practitioner (CPP)	October 2025 – Present
North Carolina Real Estate License	September 2016 – Present
Board Certified Critical Care Pharmacist (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 – Present
Instructor	August 2018 – May 2026
Pharmacy Licensure – Virginia	August 2009 – Present
Pharmacy Licensure – Florida	August 2009 – October 2017
Basic Life Support (BLS)	May 2005 – Present
Instructor	August 2021 – May 2026

PROFESSIONAL AND LEADERSHIP DEVELOPMENT

Foundations of Leadership Development Program September 2024 – November 2024
FirstHealth of the Carolinas

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

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; August 2026.

"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.

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: PGY2 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

TEACHING EXPERIENCE, cont.

Preceptor: Institutional November 2020 – June 2024
Emergency Medicine Elective Learning Experience
High Point University School of Pharmacy, High Point, North Carolina

Preceptor: PGY1 Pharmacy Practice Residency

Medical Emergency Response Learning Experience	June 2025 – Present
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

PERT Protocol, revisions	July 2026 – Present
Telepharmacy Service, creation	July 2026 – Present
Stroke Pharmacist Education CBL	July 2026
Medication History Checking Standard of Work	June 2026 – Present
Electrolyte Management Order Set, creation	March 2026 – Present
Sepsis Medications Order Set, revisions	October 2025 – January 2026
ED and System-Wide DKA Order Set, revisions	August 2025 – Present
Ketamine Order Optimization	June 2025 – July 2026
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

ORDER SETS, PROJECTS, GUIDELINES and PROTOCOLS, cont.

Hyperosmolar Hyperglycemic State 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 – June 2026

Medication Use Evaluation

Heparin Drip Protocol Compliance	June 2023 – August 2024

Protocol

Intranasal Medication Administration	February 2014

COMMITTEES AND LEADERSHIP

ASAP Advisory Committee	July 2026 – Present
Order Set Committee	May 2026 – Present
CPP Steering Committee	April 2026 – Present
Sepsis Committee	October 2025 – Present
Willow Advisory Committee	June 2025 – Present
ED Code Blue Committee	November 2023 – Present
Pharmacy Administration Committee	September 2023 – Present
Stroke Committee	June 2023 – Present
Chair, Residency Advisory Committee PGY2 Residency	October 2022 – Present
Committee for the Advancement of Pharmacy Practice (CAPP)	June 2022 – Present
Code Blue Committee, System-Wide	October 2019 – Present

COMMITTEES AND LEADERSHIP, cont.

Sepsis Committee January 2016 – December 2017
Residency Advisory Committee PGY1 Residency August 2014 – Present
Emergency Department Operations August 2014 – Present
FirstHealth Moore Regional Hospital, Pinehurst, North Carolina

Medication Safety Committee January 2026 – Present
Richmond Memorial Hospital, Rockingham, North Carolina

Membership Committee June 2025 – Present
Society of Emergency Medicine Pharmacists

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 Marcorís, Dominican Republic November 2010
Medical Missions Trip Leader, San Pedro de Marcorís, Dominican Republic June 2010
Medical Missions Trip, San Pedro de Marcorís, Dominican Republic July 2009
Medical Missions Trip, San Pedro de Marcorís, Dominican Republic July 2008
Medical Missions Trip, San Pedro de Marcorís, Dominican Republic July 2007

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