

Alyson M. Houle

Northbridge, MA

Phone: (774) 482-0589

Email: alyhoule@gmail.com

EDUCATION

- Expected May 2022 **Candidate for Doctor of Pharmacy – Accelerated Program
Graduate Certificate in Healthcare Management**
MCPHS University, Worcester, MA
GPA: 3.92
- December 2016 **Bachelor of Science in Biology, graduated *Magna Cum Laude***
Stonehill College, North Easton, MA
Minor: Business Administration
GPA: 3.73

LICENSES & CERTIFICATIONS

- Dec 2021 APhA's Delivering Medication Therapy Management Services Certificate
- Aug 2021 BLS (CPR and AED) Certification
- July 2021 Rhode Island Pharmacy Intern License #PHL05949
- Aug 2020 APhA Immunization Delivery Certificate
- June 2021 HIPAA Certification
- June 2021 OSHA/Bloodborne Pathogens Certification
- June 2021 APhA's The Pharmacist & Patient-Centered Diabetes Care Certificate
- Nov 2019 Massachusetts Pharmacy Intern License #PI166149
- May 2017 Lean Six Sigma White Belt

ADVANCED PHARMACY PRACTICE EXPERIENCE

- Aug 2021 – May 2022 **Baystate Medical Center/MCPHS Longitudinal APPE Program**
- Applied, interviewed and was selected for the yearlong APPE program during the P2 year. Will have five out of the six APPE rotations at Baystate Medical Center to better prepare myself in delivering evidence based patient care. Attend weekly 'bootcamp' sessions on disease states held by current residents for NAPLEX review.
- Aug 2021 – Sep 2021 **Ambulatory Care**
Baystate Medical Center, Springfield, MA
Preceptor – Amy LaMothe, PharmD, BCPS
- Attended pulmonary clinics with attending pulmonologist to help assess patients for appropriateness/safety/efficacy with their pulmonary medication regimen
 - Observed pulmonary rehab clinics and attended education seminars about various aspects of pulmonary diseases
 - Held migraine medication topic discussion and journal club discussion

- Sep 2021 – Oct 2021

 - Attended weekly journal clubs and disease state reviews

Institutional Pharmacy Practice
 Baystate Medical Center, Springfield, MA
 Preceptor – Jill Costa, PharmD

 - Collected data for an MUE on Ativan dosing/titration in patients experiencing alcohol withdrawal
 - Monitored vancomycin therapy under hospital’s pharmacy protocol
 - Participated in rounding with doctors, medical students and clinical pharmacists
 - Assisted with COVID vaccination scheduling/calling to ensure minimal waste and timely administration

- Nov 2021 – Dec 2021

Cardiac Surgery Elective
 Baystate Medical Center, Springfield, MA
 Preceptor – John Stiles, PharmD, BCCP

 - Rounded with interdisciplinary team in HVCC unit and recommended medication changes when appropriate to optimize individual pharmacotherapy regimens
 - Presented patients daily to preceptor to evaluate appropriateness of cardiac medications and antimicrobial therapies
 - Collaborated on topic discussions weekly on various topics—ACS, anticoagulation, arrhythmias, chronic and acute heart failure

- Jan 2022 – Feb 2022

Internal Medicine
 Baystate Medical Center, Springfield, MA
 Preceptor – Evan Horton, PharmD, BCPPS

 - Rounded with interdisciplinary team in PICU and general pediatrics floor to recommend medication changes when appropriate to optimize patient care
 - Presented patients to the pediatric Antimicrobial Stewardship Program to optimize antibiotic usage and minimize resistance
 - Discuss topics with pharmacy team including sickle cell disease, asthma, viral bronchiolitis, DKA, and pneumonia

- Feb 2022 – Mar 2022

Administration/Management Elective
 RXinsider, West Warwick, RI
 Preceptor – Gregory Cianfarani, PharmD, CEO

- Mar 2022 – May 2022

Community Pharmacy
 Baystate Medical Center, Springfield, MA
 Preceptor – Derek Charron, PharmD

PUBLICATIONS

Houle A, Jalil Z, Nguyen H, and Russo T. Updated *C. difficile* infection guidelines incorporate new trials. *Pharmacy Times*. 2021 Dec 28. <https://www.pharmacytimes.com/view/updated-c-difficile-infection-guidelines-incorporate-new-trials>

ORAL PRESENTATIONS

- Sep 2021 Migraine disease state review
- Presented to clinical pharmacist preceptors and 8 pharmacy students.
- Sep 2021 Journal Club
- *Fremanezumab for the Preventive Treatment of Chronic migraine* – Presented to clinical pharmacist preceptors and 8 pharmacy students
- Sep 2020 Journal Club Rocket AF
- Presented to pharmacy preceptor and evening pharmacist team of 5 other clinical pharmacists and other students/interns
- Sep 2020 Journal Club Aristotle
- Presented to pharmacy preceptor and evening pharmacist team of 5 other clinical pharmacists and other students/interns
- Sep 2020 Journal Club Dig
- Presented to pharmacy preceptor and evening pharmacist team of 5 other clinical pharmacists and other students/interns

INTRODUCTORY PHARMACY PRACTICE EXPERIENCE

- Sep 2020 **Institutional Pharmacy Practice**
UMass Memorial University, Worcester, MA
Preceptor – Vinh Nguyen, PharmD
- Presented topic discussions with pharmacy team on treatments of atrial fibrillation and heart failure
 - Presented journal clubs on landmark trials such as ROCKET-AF, ARISTOTLE, & DIG
- Aug 2020 **Community Pharmacy Practice**
Price Chopper Pharmacy, Webster, MA
Preceptor – Meaghan Flynn, PharmD
- Conducted MTM daily to ensure patient adherence and top quality of care
 - Provided drug information regarding dosing and appropriate therapy suggestions to physicians

LEADERSHIP EXPERIENCES

- May 2020 – April 2021 **Treasurer**, American College of Clinical Pharmacy (ACCP)
- Managed and organized the annual budget with the president regarding event expenses, forms, and gifts for guest speakers and members
- May 2020 – April 2021 **Secretary**, National Community Pharmacists Association (NCPA)
- Recorded event and executive board meeting minutes and communicated upcoming events and activities to current and potential new members

- June 2020 – May 2021 **Orientation Peer Mentor**, MCPHS University
- Support first year students in their transition to graduate level courses via zoom

TEACHING EXPERIENCES

- June 2020 – Present **Enrichment Tutor**, CASE, MCPHS University
- Reinforce material with P1 and P2 students one-on-one or in small groups for all P1 and P2 courses including Therapeutics, Pharmacokinetics, Pharmacology/Medicinal Chemistry, Pathophysiology, Pharmaceutics, Biochem, and Drug Lit.
 - Used the teach back method in helping students review for exams
- Jan 2015 – May 2016 **Peer-Led Team Leader**, Chemistry Department, Stonehill College
- Organized and facilitated study groups for Organic Chemistry I & II
 - Led problem cases for approximately 10 students weekly in a collaborative learning environment
- Sep 2015 – May 2016 **Teaching Assistant**, Foreign Language Department, Stonehill College
- Organized and facilitated study groups for Elementary Latin I & II
 - Provided tutoring sessions for required assignments and exams

PHARMACY WORK EXPERIENCES

- Aug 2019 – Present **Pharmacy Intern**, UMass Memorial Medical University, Worcester, MA
- May 2017 – Aug 2019 **Certified Pharmacy Technician**, UMass Memorial Medical University
- Compound sterile intravenous admixtures including nutrition, antibiotics, narcotic analgesics using aseptic technique and USP 797 and 800
 - Maintain proper sterile environment through aseptic technique and cleaning/sanitization protocols
 - Train new technicians and interns on daily assignments and sign off on completion
- May 2015 – April 2017 **Lead Pharmacy Technician**, CVS Health, Milford, MA
- Managed all technician staff in daily work flow responsibilities while assisting pharmacist
 - Mentored junior technicians on pharmacy processes, proper procedures for insurance billing, and compliance with HIPAA guidelines
 - Calculated dosages, prepared, filled and dispensed ~3,000 medications per week

VOLUNTEER EXPERIENCES

- Feb 2021 – Present **Be My Eyes App**

- Assist blind or vision impaired individuals with various tasks electronically through the app
- Feb 2021 – Mar 2021 **Vaccine Corps UMass Medical School, Worcester, MA**
- Administered Pfizer and Moderna COVID-19 vaccines to about 100 patients at the large-scale vaccination center at Worcester State University
- Sep 2020 **Walgreens Pharmacy Flu Clinic, Worcester, MA**
- Administered influenza vaccines to patients participating in COVID testing
- Sep 2019 – Dec 2019 **Edward M. Kennedy Health Center, Worcester, MA**
- Recruited patients to sign up for the center’s patient portal to improve their quality of care
- Sep 2015 – May 2016 **Old Colony YMCA Big Sisters Big Brothers, Brockton, MA**
- Mentored a third grader throughout the school year on a weekly basis and helped with reading, math, and socialization skills

PROFESSIONAL MEMBERSHIPS

- Nov 2021 – Present Massachusetts Society of Health System Pharmacists (MSHP)
- Mar 2021 – Present Rho Chi Society – Gamma Pi Chapter
- Mar 2021 – Present Phi Lambda Sigma (PLS) – Gamma Gamma Chapter
- Sep 2020 – Present Phi Kappa Phi Honor Society – Member ID 12674143
- June 2020 – Present Student Pediatric Pharmacy Association (SPPA)
- Oct 2019 – Present American College of Clinical Pharmacy (ACCP)
- Oct 2019 – Present National Community Pharmacists Association (NCPA)
- Sep 2019 – Present American Pharmacists Association (APhA)

PROFESSIONAL DEVELOPMENT

- Sep 2021 – Present Attend Pharmacy Grand Rounds at Baystate Medical Center twice a month presented by current PGY1 and PGY2 residents.
- Nov 19, 2020 IPE HEENT Activity
- Collaborated with chief medical residents from Saint Vincent’s Hospital to evaluate and discuss several patient cases
- Jan 30, 2020 IPE Cultural Competence Activity
- Collaborated with students from the various schools to discuss and learn how important cultural competences is in medicine and how impactful our words and actions can be for the patient

Oct 25, 2019

IPE Roles Inventory Activity

- Collaborated with medical, nursing, physician assistant, respiratory therapy, sonography, acupuncture, and optometry students to problem solve, discuss and learn about each other and the various programs

HONORS

Fall 2019 – Present

Dean’s List, MCPHS University

Sep 2019 – Present

MCPHS University Merit Scholarship Recipient

Aug 2020

ACCP Clinical Pharmacy Challenge Competition – Runner Up

Sep 2013 – Dec 2016

Moreau Honors Scholar

Mar 2016 – Dec 2016

Lambda Epsilon Sigma Honor Society

Sep 2013 – Dec 2016

Dean’s List, Stonehill College

SKILLS

Familiar and proficient with EPIC and CIS electronic medical records as well as automated dispensing systems like Pyxis and Boxpicker.