

SARAH M. BEASLEY

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EDUCATION

Massachusetts College of Pharmacy and Health Sciences (MCPHS University)

Doctor of Pharmacy (PharmD)

Expected May 2026

Bachelor of Science in Pharmaceutical Sciences

Expected Dec 2024

Minor in Biostatistics

May 2022

GPA: 3.95/4.00

Dean's List

August 2020 – Current

Doctor of Pharmacy Honors Program

Sept 2023 – Current

- *Honors Student Representative*

PROFESSIONAL EXPERIENCE

Boston Medical Center (BMC) - Boston, MA

Pharmacy Student Intern

Patient Discharge Counseling

Oct 2024 – Current

- Interact with patients on discharge to counsel them on their heart failure medications

Medication Reconciliation

Aug 2024 – Current

- Compassionately and effectively interact with several patients daily, obtaining medication fill history and assessing medication adherence

Sterile Compounding

Aug 2022 – Current

- Maintains and keeps all equipment properly, assuring that it is clean and in the working state
- Adhered to USP 797 compounding standards while preparing 100+ batch doses daily, including parenteral, enteral, and ophthalmic solutions

Pediatric Pharmacy Operations

Dec 2023 - Aug 2024

- Maintained USP 795 non-sterile compounding standards to prepare 50+ patient-specific oral doses weekly
- Ensured timely delivery of prepared medications to proper inpatient units

INTRODUCTORY PHARMACY PRACTICE EXPERIENCES

Mount Auburn Hospital, Cambridge, MA

IPPE Institutional Rotation

Jun 2024 - Jul 2024

Preceptor: Spencer Sutton

- Participated in new ED pharmacy pilot program to provide specialized pharmacy services to the emergency department
- Provided medication reconciliations to patients in the ED to optimize patient outcomes
- Rounded in the ICU with other medical professionals including doctors, nurses, dietitians, and pharmacists

Walgreens, Boston, MA**IPPE Community Rotation****Aug 2023**

Preceptor: Christopher Gallo

- Collaborated with other healthcare professionals to optimize patient care
- Assisted patients with over the counter medication choices with supervision
- Transcribed oral prescriptions from a variety of providers
- Prepared and filled 50+ prescriptions for patients daily

RESEARCH EXPERIENCEMCPHS University, Boston, MA**Honors Research Project****May 2024 – Current**

Mentor: Andrew Hwang

- Currently collaborating with licensed pharmacist and professor to examine publicly available data on geriatric CVD patients

MCPHS University, Boston, MA**Honors Coursework Project****Jan 2024 – Current**

Mentors: Anela Stanic and Dorothea Rudolf

- Collaborated with virology professors and licensed infectious disease pharmacists to research the impact of DoxyPEP and its implementation
- Conducted a thorough literature search to analyze clinical trials on DoxyPEP and DoxyPrEP

MCPHS University, Boston, MA; Lahey Hospital and Medical Center, Burlington, MA**Student Undergraduate Research Fellow (SURF)****May 2023 – Current**

Mentor: Phil Grgurich

- Collaborated with associate professor and licensed critical care pharmacist to research opioid analgesia in mechanically ventilated patients
- Reviewed 600 patient electronic health record (EHR) for specified data points
- Collaborated with senior statisticians at Lahey Hospital and Medical Center (LHMC) to conduct thorough data analysis to produce tables of medians and variance, along with uni/multi-variate analyses

MCPHS University, Boston, MA**Research Assistant****Jun 2021 – May 2022**

Primary Investigator: Frederick Frankhauser

- Collaborated with head professor of regulatory affairs to research variability between New England states regarding their pharmacy and compounding laws
- Spent time reviewing and combing through legal documents involved to determine differences in specificities of pharmacy law

Simmons University, Boston, MA

Biostatistics Student

Sept 2021 – May 2022

Mentor: Anthony Scotina

- The following link is to data projects done at Simmons University:
<https://sarahbeasley02.github.io/>

PUBLICATIONS

1. ACCEPTED, AWAITING PUBLICATION: **Beasley S**, Zaihra Rizvi T, Grgurich P. A Comparative Study of Fentanyl versus Hydromorphone in Mechanically Ventilated ICU Patients. *Annals of Pharmacotherapy*. 2024.
2. **Beasley, Sarah**; Grgurich, Philip. 948: FENTANYL VERSUS HYDROMORPHONE IN MECHANICALLY VENTILATED ICU PATIENTS. *Critical Care Medicine* 52(1):p S446, January 2024. | DOI: 10.1097/01.ccm.0001001956.48551.c2

PROFESSIONAL PRESENTATIONS

Sodium-glucose co-transporter-2 inhibitors for HFrEF and Their Role in Polypharmacy

Oct 2024

SOP-B PharmD Honors Seminar – Research Topic Presentation

Polypharmacy, Hyperpolypharmacy, and Mortality Risk Among Older Adults with CVD

Oct 2024

SOP-B PharmD Honors Seminar – Research Proposal Presentation

SURMOUNT-4 Outcomes

Apr 2024

SOP-B PharmD Honors Seminar – Clinical Science Journal Club

Enhancing Fentanyl Antinociception and Preventing Tolerance with α -2 Adrenoceptor Agonists in rats

Mar 2024

SOP-B PharmD Honors Seminar – Basic Science Journal Club

Fentanyl versus Hydromorphone in Mechanically Ventilated ICU Patients

Jan 2024

Society of Critical Care Medicine Critical Care Conference in Phoenix, AZ

- Peer-reviewed presentation for around 50 viewers in a small-group setting

Pathophysiology of Atopic Dermatitis

Nov 2023

SOP-B PharmD Honors Seminar – Topic Presentation

LEADERSHIP EXPERIENCE

MCPHS University, Boston, MA

Peer Assistant Leader

Aug 2021 – Jan 2023

- Collaborated with professors weekly to effectively assist 40 to 50 students with chemistry curriculum and convey class materials

MCPHS University, Boston, MA

Peer Tutor

Aug 2021 – May 2022

- Weekly tutoring of both one-on-one and three-person group sessions for students requesting assistance with class material, including reviewing basic chemical principles

PROFESSIONAL COMPETITIONS

MCPHS University

IPhO VIP Case Competition (VIPCC)

Sept 2023 – Current

- Participated as a Clinical Development group member

- Assessed, Evaluated, and Planned different phases of clinical development of a GLP-1 agonist
- Created PowerPoint Presentation slides to relay information regarding clinical development

ACCP Clinical Research Competition**Dec 2023 – Current**

- Completed 2 literature evaluation exams on various drug literature, including a non-inferiority RCT and an open-label RCT
- Progressed to semi-final round, in which myself and 2 other team members created a letter of intent regarding a study on a pharmacist's role in solid organ transplant

PROFESSIONAL ORGANIZATIONSMCPHS University**Phi Kappa Phi Honors Society****Aug 2024 – Current****Rho Chi Honors Society Vice President****Apr 2024 – Current****ACCP Membership Drive Coordinator****Apr 2024 – Current****ACCP National Member****Apr 2024 – Current****IPhO Member****Aug 2022 – Current****ASHP National Member****Aug 2022 – Current****KEY SKILLS**

Aseptic Technique

Data Analysis

Familiar with RStudio Data Science Platform

Familiar with Epic

Familiar with DoseEdge

CERTIFICATES AND LICENCES

Massachusetts Pharmacy Intern License

Expires June 2027

APhA Immunization Delivery Certificate

Awarded October 2022

American Heart Association BLS Certificate

Expires October 2026