

SHELBY GRENDEL

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Columbus, OH 43215 - (740) 338-1137

EDUCATION

The Ohio State University College of Pharmacy

- Doctor of Pharmacy Candidate *May 2025*
- Master of Science in Translational Pharmacology *August 2021*

The Ohio State University

- Bachelor of Science in Biology *May 2019*
 - Minor, Pharmaceutical Sciences

PROFESSIONAL PHARMACY EXPERIENCE

Medication Safety Pharmacy Intern, OSU Wexner Medical Center

March 2022 – present

- Analyze event reports to identify contributing factors to errors, assess the extent of harm to individuals, and propose effective measures for error prevention in subsequent cases.
- Collaborate with supervising pharmacists on data gathering, analysis, presentations, and projects related to diverse patient safety initiatives.
- Maintain adherence to regulations, upholding policies, and ensuring quality assurance.

Giant Eagle Pharmacy Intern

August 2021 – August 2022

- Oversaw inventory management to optimize stock levels.
- Executed daily filing of written prescriptions and associated tasks, facilitating accurate dispensing of patient medications.
- Collaborated with team members, providing support for seamless department operations.
- Demonstrated a warm and respectful demeanor, welcoming patients with genuine enthusiasm and compassion.

RESEARCH & PROJECTS

OSU Wexner Medical Center

October 2022 – present

Optimization of Electronic Health Record (EHR) In-Line Medication Warnings at an Academic Medical Center

- Aim of this study is to create a standardized process for reviewing in-line dose warnings and alerts within EPIC to enhance medication safety and alleviate alert fatigue.
- Analyze data to pinpoint the top medications being overridden using the Warnings Optimization Report
- Communicate with various pharmacy specialists on proper clinical dosing with specific medications that were viewed as overridden at a high rate
- Provide my insight from specialists to the IT team to change dosing rules within EPIC so medications will not fire as frequently

OSU Wexner Medical Center*October 2022 – present***Evaluation of Anti-Xa Monitoring for Enoxaparin Prophylaxis in Obese Patients**

- Evaluate prophylactic dosing of enoxaparin in high body weight and morbidly obese patients based upon adjustment using anti-Xa levels.
- Gather full data collection, IRB proposal development, and initial data screening of patients.

OSU Wexner Medical Center*June 2022 – August 2022***Implemented surveillance of proper administration of Neuromuscular Blocking Agents according to ISMB Best Practices**

- Eliminated the storage of neuromuscular blocking agents in areas of inpatient and outpatient hospital areas where they are not routinely needed.
- Segregated neuromuscular blocking agents from all other medications in the pharmacy by placing them in a separate lidded containers in the refrigerator or other secure, isolated storage areas.
- Limited the access in automated dispensing cabinets to only areas where they are needed
- Ensured that the storage bins and vials were correctly labeled with auxiliary labels containing neuromuscular blocker agents.
- Configured interactive alerts that require users to provide clinically relevant information prior to the removal from an automated dispensing cabinets.

LEADERSHIP & INVOLVEMENT**Primary Leader for the Industry Pharmacy Organization***May 2023 – present*

- Collaborate with AAPS within the PhD program at OSU to create an event with the OSU James Cancer Center's Drug Development Institute with Jeffrey Patrick, PharmD
- Communicate with alumni that work in the industry to speak at our organizations general body meetings.
- Create expert guidance on helping members apply to fellowships
- Coordinate a site visit to Hikma Pharmaceuticals in Columbus, OH

Primary Leader for the Value of Industry Pharmacist (VIP) Case Competition*October 2023 – February 2024*

- Engaged in a multidisciplinary professional development program spanning diverse sectors of the pharmaceutical industry.
- Collaborated within a team-oriented environment to inform leaders of each functional area of all information regarding VIP Case competition.
- Lead each functional area to ensure they knew their roles within the project.
- Ensured proper communication to strive to make the best drug product for our VIP competition to make sure each lead is on board with our novel new therapy.

President-Elect for the Industry Pharmacy Organization*May 2022 – April 2023*

- Served as a liaison between the local chapter and relevant national updates.
- Orchestrated and advanced local membership recruitment efforts.
- Collaborated with the president on creating bi-weekly meeting presentation materials.
- Actively attended and contributed to bi-weekly pharmacy council meetings.

ACCP Clinical Research Challenge*January 2022 –
March 2023*

- Engaged in a nationwide, team-based journal club competition among various pharmacy schools.
- Analyzed and applied primary literature with a critical perspective.
- Formulated a compelling letter of intent based on a provided clinical research question.
- Created and refined a comprehensive research proposal.

Outreach and Engagement Chair for IPhO*September 2021 –
May 2022*

- Collaborated with the Director of Social Media and Marketing, as well as the Director of Communications, to enhance the visibility of the local chapter and national initiatives through diverse communication channels.
- Orchestrated and facilitated an external Industry Pharmacy event, fostering collaboration and networking opportunities.

Ohio State College of Pharmacy Ambassador*September 2021 –
May 2022*

- Engaged with prospective students, addressing inquiries related to the PharmD program.
- Collaborated with applicants during interview and visit days, fostering positive interactions with candidates and their families.
- Ensured effective follow-up by responding to inquiries, sending handwritten postcards, and reaching out via phone and email.

INTRODUCTORY PHARMACY PRACTICE EXPERIENCE

Critical Care, OSU Wexner Medical Center*August 2023*

- Observed and learned from my preceptor, Victoria Williams, PharmD, as they cared for patients in the ICU
- Independently worked up numerous patients to present to my preceptor with various recommendations to their medication lists.
- Researched topics involving critical care to present to my preceptor.
- Participated in journal clubs/topic discussions by actively participating in asking questions and group discussions.

Linworths Pharmacy, Worthington, OH*June 2023 –
August 2023*

- Successfully fulfilled assigned responsibilities supervised by my preceptor, Michaela Slevin, PharmD
- Supported other team members in tasks including data entry, prescription filling, and maintaining streamlined pharmacy operations.
- Independently compounded medications for patients.
- Compiled a complete stock of patients medications to make monthly pill packs.
- Researched and presented on various projects proposed by my preceptor.

Pain and Palliative, OSU James Cancer Center*May 2023*

- Collaborated with my preceptor on potential medication changes or additions for a patient with keeping comfort care in mind.
- Participated in PGY2 journal club with reviewing an article and actively participating by asking questions.
- Independently worked up numerous patients to present to my preceptor with various recommendations to their medication lists.

Medication Reconciliation, OSU James Cancer Center*October 2022 –
November 2022*

- Collaborated with my preceptor to discuss patient interactions, validate drug records, and confirm electronic medical record notes.
- Compiled accurate medication inventories for each patient by collecting information from pharmacies, patients, and caregivers.
- Fostered respectful interactions with fellow professionals within the medical center.

Kroger Pharmacy, Henderson Road*January 2022 –
May 2022*

- Successfully fulfilled assigned responsibilities supervised by my preceptor, Kayla Walker, PharmD
- Supported other team members in tasks including data entry, prescription filling, and maintaining streamlined pharmacy operations.
- Observed and learned from my preceptor as they validated prescriptions
- Provided patient counseling through medication reviews, addressing patient questions related to medications.
- Independently administered immunizations, demonstrating competence and proficiency.

TEACHING**Teaching Assistant for Drug Discovery, Development, and Delivery***August 2023 –
December 2023*

- Manage the grading process for an undergraduate course focused on drug development.
- Collaborate with other teaching assistants to ensure efficient grading turnaround.
- Deliver constructive feedback to students, aiding to their learning and growth.

OSU James Medication Reconciliation*October 2022 –
November 2022*

- Instructed a fellow peer on the process of completing a thorough medication reconciliation
- Actively answered any questions from the student.
- Monitored and guided the students understanding to the task

Teaching Assistant for Comparative Anatomy*January 2019 –
May 2019*

- Contributed to the creation of practical exams for students.
- Managed the grading process for student exams and promptly uploaded resulting grades.

PRESENTATIONS**ASHP Midyear Conference***December 2023***Optimization of Electronic Health Record (EHR) In-Line Medication Warnings at an Academic Medical Center**

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OSU Wexner Medical Center*August 2022***Inclusion of ER Opioids to Prospective Review**

- Advocated for the addition of ER Opioids and Buprenorphine products to the do not auto-verify list during the Opioid and Analgesic P&T Subcommittee meeting.
- Provided discussion with voting members and accurately answered any questions they asked.

SERVICE

Physicians Care Connection*November 2022*

- Conducted discharge counseling for patients of diverse ethnicities and languages, working under pharmacist supervision.
- Supported smooth pharmacy operations by assisting with data entry, prescription fulfillment, and maintaining efficient workflows

Columbus Free Clinic*October 2022 –**February 2024*

- Supported the pharmacist in maintaining smooth pharmacy operations through tasks such as data entry and prescription fulfillment.
- Offered discharge counseling to patients under pharmacist guidance, contributing to their post-visit care.

Healthy Community Day at OSU East*August 2022*

- Informed attendees about healthcare literacy and medication education.
- Distributed informative flyers on medication adherence and essential medication details.

Helping Hands Health & Wellness Center*May 2022 –**December 2023*

- Gathered comprehensive medication histories for individual patients and reviewed findings with the pharmacist.
- Teamed up with the pharmacist to deliver discharge counseling to patients receiving new medications upon leaving the clinic

Nationwide Children's Hospital Healthy Homes Initiative*August 2021*

- Collaborated with Hnhf Reality Collaborative to assist the underserved Columbus community by enhancing their homes. Tasks included tree removal, fence construction, gravel spreading, and debris disposal.

LICENSURES

Pharmacy Intern License*2025*

- Ohio Board of Pharmacy, 060003086

Basic Life Support for Healthcare Providers (BLS) Certification*2026*

- American Heart Association, 245415205125