

# SEHAM BOTROS

## CONTACT

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## SKILLS

Proficient writing and oral communication skills

Interdisciplinary team player

Adaptable to challenges

Decision-making ability

Accurate and efficient at high volume workload

Interprofessional Collaboration

Immunization Administration

Pharmaceutical Calculations

Pharmacotherapy Knowledge

Pharmacokinetics Analysis

Patient Counseling

Adverse Drug Reaction Reporting

Pharmaceutical care planning

Drug utilization review

## CERTIFICATIONS

- Pharmacist license, Maryland board of pharmacy, 2020-present
- Pharmacy-based immunization delivery, (APhA), 2020-present
- BSL certificate, (AHA), 2020-present

## PUBLICATIONS

- A novel Spectrofluorimetric Determination of Four Anti-TB Drugs in their Pure and Pharmaceutical Dosage Forms by Quenching Effect on the Fluorescence of NBS-

Dedicated Pharmacist offering 10 years of experience ensuring accurate review, processing and dispensing of medications in alignment with orders. Skilled in collaborating with team members to expedite urgent requests while maintaining impeccable focus on safety, accuracy and confidentiality. Advanced communicator with all levels of staff, clients, management and healthcare administrators.

## WORK HISTORY

May 2021 - Current

**Specialty Pharmacist/Long Term Care Pharmacist Northern Special Psych Care Pharmacy**, Baltimore, MD

- Evaluation of physician medication orders for appropriateness of drug, dosage, potential interactions, route of administration and stability
- Provide clinical recommendations for therapy changes to the physician and facility staff as appropriate
- Verify patient medical information to conduct drug utilization review on all prescriptions and review clinical edits to ensure there are no adverse drug interactions or allergies
- Provide clinical expertise by responding to drug-related questions and concerns initiated by internal and external staff.
- Contributed to cost-saving initiatives by recommending appropriate formulary alternatives when necessary.
- Played an instrumental role in achieving accreditation from national pharmacy organizations through diligent documentation efforts and adherence to guidelines.
- Educated patients on proper medication usage, side effects, and potential interactions, promoting safe and effective treatment.
- Mentored junior pharmacists and technicians, fostering a positive work environment and enhancing team performance.
- Prepared medications in blister packs to provide safe and convenient way to take prescribed medication.

March 2024 - April 2024

**Pharmacy Student Frederick Health Hospital**, Frederick, MD

- Perform effective patient communication for better healthcare outcomes as medication reconciliation, discharge counseling and allergy clarification
- Resolve medication related problems as renal dosing, drug-drug interaction and drug-induced disease.
- Quality assurance activities as reviewing risk report.

January 2021 - January 2022

**Pharmacist Walgreens**, Frederick, MD

- Managed high volume of prescriptions daily while maintaining excellent customer service and attention to detail.
- Reviewed prescription to confirm appropriate selection of drug, dose and check for interactions with other medications.

Phenothiazine Product., Asian Journal of Biomedical and Pharmaceutical Sciences, December 2013

- Simultaneous Densitometric Determination of First Line Anti-TB Drugs in Binary, Ternary, and Quaternary Mixtures, Journal of Liquid Chromatography & Related Technologies, April 2015
- Ethambutol-Cobalt (II) Ions Complexation Spectral Characteristics and Applications for Quantitative Analysis, Pakistan Journal of Pharmaceutical Sciences, March 2015

- Interpreted prescription orders, dispensed medications, and counseled patients on drugs.
- Improved patient outcomes by providing comprehensive medication therapy management and counseling.
- Reported adverse drug events to comply with regulatory policies and procedures.
- Developed strong relationships with healthcare providers to optimize patient care and medication adherence.
- Maintained appropriate drug records and completed reports as necessary.
- Immunization services
- Covid19 vaccine preparation and administering (Pfizer, Moderna and Jansen).
- Effectively prioritized tasks and organized workflow to increase efficiency.

January 2020 - January 2021

**Pharmacist CVS Pharmacy (Leadership, Coaching and Management),**  
Baltimore, MD

- Lead Covid19 vaccine clinics to LTC and ASL facilities
- Ensure sterilized workspace for reconstitution of vaccine doses
- Monitor vaccine stability throughout the day to ensure all doses are used and prevent any waste doses by following vaccine manufacture guidelines as well as CDC
- Insurance claims processing for the vaccine
- Observe patients post vaccination for any immediate reactions or side effects
- Management of workflow in store
- Verifying prescriptions and counseling with respect of state and federal laws
- Inventory management.

January 2016 - January 2019

**Pharmacy Intern Northern Pharmacy (Retail, MTM and Compounding),**  
Baltimore, MD

- Processed all prescriptions by entering data into Rx system, verifying NDC numbers, printing labels with appropriate direction, and dispensing medication
- Patient counseling training by senior pharmacist
- Verifying dispensed medications training by senior pharmacist
- Collecting and indexing patient information and managed medication distribution with delivery personnel
- Evaluated patient histories to assess medication compliance and spot issues such as doctor shopping or excessive usage.
- Provided friendly customer service at drop-off and pick-up counters.
- Streamlined pharmacy workflow by efficiently managing multiple tasks simultaneously, such as data entry, phone calls, and order processing.
- Enhanced pharmacy efficiency by assisting in inventory management, medication storage organization, and restocking shelves.
- Gained valuable experience in compounding medications for customized patient needs, following strict guidelines and safety measures.

January 2014 - January 2015

**Lecturer Assistant Pharmacy School, Egypt**

- Developed strong relationships with colleagues, collaborating on curriculum development and sharing best practices in teaching strategies.

- Member of scientific conferences association committee at Assiut University.
- Evaluated student progress through regular assessments, providing detailed feedback for improvement and growth.
- Selected and designed lesson plans and curriculum to meet academic objectives.
- Increased student interest by incorporating real-world examples into lessons and connecting material to relevant experiences.
- Evaluated and revised lesson plans and course content to achieve student-centered learning.
- Developed and implemented innovative teaching strategies to engage students in lectures and coursework.
- Used PowerPoint and Google Classroom technology to give presentations to student classrooms.
- Built strong rapport with students through class discussions and academic advisement.

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## EDUCATION

Expected in May 2026

**Doctor of Pharmacy**

**Shenandoah University, Winchester, VA**

May 2015

**Masters of Analytical Chemistry**

**Assiut University, Egypt**

June 2009

**Bachelor of Pharmaceutical Science**

**Assiut Un, Egypt**