

MIRNA HANNA, PharmD

523 Avenue A Apt. 2 Bayonne, NJ 07002 ♦ C: (347) 996-0058 ♦ Marmoorapharmd@gmail.com

PROFESSIONAL SUMMARY

Highly motivated and detail-oriented Clinical Pharmacist with experience in designing and implementing regulatory compliance systems and guidelines while ensuring patient quality and safety. Seeking a challenging, growth-oriented positions as a Clinical Pharmacist attaining diverse experience, training and educational background.

EDUCATION

SUNY Albany School of Public Health August 2018 - Present

Albany, New York

Degree Expected: Masters of Public Health, Concentration in Public Health Practice

Expected Graduation Date: May 2020

Fairleigh Dickinson University August 2014 - May 2018

School of Pharmacy and Health Sciences

Florham Park, New Jersey

Degree: Doctor of Pharmacy

Adelphi University August 2009 - May 2012

Garden City, Long Island

LICENSES

Registered Pharmacist – New Jersey Active

License Number: 28RI03945500

Immunization License: 28RJ07758

Registered Pharmacist – Florida Active

License Number: PS57963

Registered Pharmacist – Texas Active

License Number: 63295

Registered Pharmacist – New York Pending

CERTIFICATIONS

National IV Training Program Plus September 2018

Clinical & Hospital Pharmacy Training for Pharmacists

AHA Basic Life Support for Healthcare Providers Certification July 2018 - Present

**APhA Delivering Medication Therapy Management
Services Certificate**

May 2018 - Present

**APhA Pharmacy- Based Immunization
Delivery Certificate**

October 2016 - Present

**APhA The Pharmacist & Patient Centered
Diabetes Care Certificate**

March 2016 - Present

PROFESSIONAL EXPERIENCE

Pharmacist

November 2018 - Present

Newark Beth Israel Medical Center, The Children's Hospital of New Jersey

Newark, New Jersey

- Prepare medications by reviewing and interpreting physician orders; detecting therapeutic incompatibilities
- Interpret and apply pharmacokinetic drug data, and recommends dosing regimens based on patient's medical history and disease state, ensuring optimal patient care
- Collaborate with physicians in establishing drug criteria for the safe, economical and appropriate use of medications
- Screen for anti-infective regimens that the culture and sensitivity test show to be inappropriate, or for other drugs that show inappropriate use, or for doses that are inappropriate due to organ dysfunction (i.e., renal and/or hepatic dysfunction)
- Provide pharmacological information by answering questions and requests of health care professionals; counseling patients on drug therapies
- Maintain pharmacological knowledge by attending educational workshops; reviewing professional publications; establishing personal networks; participating in professional societies
- Prepare sterile compounding products using aseptic technique for low, medium and high risk preparations

Clinical Pharmacist

September 2018 - Present

Saint Mary's General Hospital - Passaic, New Jersey

- Establish, coordinate, implement, and provide all aspects of clinical pharmacy activities with emphasis on therapeutic drug monitoring, clinical pathways, formulary management, pharmacoconomics and patient outcomes through detailed system auditing
- Supervise 30+ pharmacy staff, performing the full range of supervisory functions, including: performance evaluations; staffing plans; training and development; assignment, review and approval of work; leave approvals; disciplinary matters; team building; recruitment; etc.
- Develop and implement policies, practices and procedures for clinical pharmacy services, ensuring compliance with Joint Commission, New Jersey Board of Pharmacy, CMS and other regulatory agencies
- Coordinate the activities associated with the provision of safe, effective and economical pharmacotherapy for patients on anti-infective agents through antimicrobial stewardship
- Collaborate with physicians in establishing drug criteria for the safe, economical and appropriate use of medications

- Participate in multidisciplinary team rounds in the ICU and the medical and surgical floors and provides pharmacotherapy recommendations during discussions
- Develop disease/drug therapy management programs to ensure safe, appropriate and cost-effective use of medications
- Manage non-formulary requests for drugs, and participate in Pharmacy & Therapeutics Committee activities
- Screen for anti-infective regimens that the culture and sensitivity test show to be inappropriate, or for other drugs that show inappropriate use, or for doses that are inappropriate due to organ dysfunction (i.e., renal and/or hepatic dysfunction)
- Participate in pharmacoeconomic evaluations and outcome research
- Design order sets for various disease states and therapeutic options to maintain quality of care and minimize errors
- Participate in various hospital wide projects such as chest pain accreditation
- Retrieve, analyze, evaluate, and interpret the scientific literature, and serves as the resource person for patient and population-specific drug information to health professionals and patients
- Participate in the generation of new knowledge relevant to the practice of pharmacotherapy, clinical pharmacy and medicine
- Educate health care professionals, students, patients, and the public regarding rational drug therapy
- Interpret and apply pharmacokinetic drug data, and recommends dosing regimens based on patient's medical history and disease state, ensuring optimal patient care
- Assist the Director in developing operational systems and procedures for the Pharmacy Department that are in accordance with the guidelines of the Joint Commission on the Accreditation of Healthcare Organizations, and state hospital codes
- Assists the Director in coordinating the review, tracking and compilation of data regarding adverse drug events (i.e., medication incidents and adverse drug reactions)
- Issue statements on the clinical policies and procedures of the Pharmacy Department; Assist in the selection of drug products and the development of protocols
- Develop communication systems to respond to problems or emergency requests from patient care units
- Establish and implement programs that help ensure cost-effective drug therapy and successful patient outcomes
- Lead and serve on a number of key clinical and patient safety committees; P&T Committee, Code Committee, Patient Care Committee, Quality and Safety Committee, Geriatric Committee, etc.
- Attend conferences, seminars, and meetings
- Use computer applications or other automated systems such as spreadsheets, word processing, calendar, e-mail and database software in performing work assignments

Pharmacist/Immunizer

July 2018 – September 2018

Walgreens Pharmacy - Bayonne, New Jersey

- Prepare medications by reviewing and interpreting physician orders; detecting therapeutic incompatibilities
- Dispense medications by compounding, packaging, and labeling pharmaceuticals
- Control medications by monitoring drug therapies; advising interventions
- Complete pharmacy operational requirements by organizing and directing technicians' work flow; verifying their preparation and labeling of pharmaceuticals; verifying order entries, charges, and inspections
- Provide pharmacological information by answering questions and requests of health care

- professionals; counseling patients on drug therapies
- Comply with state and federal drug laws as regulated by the state board of pharmacy, the drug enforcement administration, and the food and drug administration by monitoring nursing unit inspections; maintaining records for controlled substances; removing outdated and damaged drugs from the pharmacy inventory; supervising the work results of support personnel; maintaining current registration; studying existing and new legislation; anticipating legislation; advising management on needed actions
- Protect patients and technicians by adhering to infection-control protocols.
- Maintain a safe and clean working environment by complying with procedures, rules, and regulations
- Maintain pharmacological knowledge by attending educational workshops; reviewing professional publications; establishing personal networks; participating in professional societies

Pharmacy Intern

March 2015 – June 2018

Walgreens Pharmacy - Bayonne, New Jersey

- Properly filled and dispensed an average of 200+ prescriptions per day
- Conducted blood pressure screenings and counseled patients on pharmacologic and non-pharmacologic therapies
- Assessed prescriptions for appropriate dosage, drug interactions, allergies, contraindications prior to dispensing to patients
- Transferred prescriptions to and from other pharmacies
- Effectively resolved insurance rejections and other billing issues
- Assisted other pharmacy staff with drug inventory, purchasing and receiving
- Regularly stocked shelves, rotated stock and checked for expired medications
- Receptively answered customer questions regarding medications and other over the counter products

ADVANCED PHARMACY PRACTICE EXPERIENCES

Saint Michael's Medical Center

February 2018 - March 2018

Management I APPE VIII

Preceptor: Dr. David Silverman, PharmD, BCPS, BCCCP

- Generated and modified order sets to standardize all hospitals in the Prime health system
- Researched equipotent dosing for various medications to accommodate for drug shortages and formulary change
- Participated in interviews for various clinical pharmacist positions available
- Participated in regional and national conference calls with pharmacy directors to discuss progress with new system implementation

Christ Hospital

January 2018 - February 2018

Institutional APPE VII

Preceptor: Dr. Vanita Manan, PharmD

- Generated and investigated adverse drug reaction reports and presented findings at P&T committee meeting
- Completed daily anesthesia and narcotic audits
- Updated drug monographs and researched options for various medications to be considered for automatic substitutions in the pharmacy
- Participated in the complete medication receiving, dispensing and verification process

- Prepared adult and pediatric code cart trays
- Participated in daily topic discussions

Walgreens Pharmacy

November 2017 - December 2017

HIV/AIDS Specialty Pharmacy APPE VI

Preceptor: Dr. Ralph Bury, PharmD, CSP

- Counseled patients on individualized HIV regimens to improve adherence
- Participated in the complete medication receiving and dispensing process
- Consulted with physicians and patients with regard to drug- drug interactions and food-drug interactions with antiretroviral therapy
- Assessed vaccination eligibility of immunocompromised patients to optimize their quality of life
- Prepared a presentation on the importance of specialty pharmacy and certified specialty pharmacists
- Prepared a presentation on common disease therapies for complex chronic diseases such as HIV, HCV, and Multiple Sclerosis
- Counseled patients on various OTC and prescription products

Saint Michael's Medical Center

October 2017- November 2017

Emergency Medicine APPE V

Preceptor: Dr. Ronny Krejci, PharmD, BCPS

- Participated in rapid response teams and codes in all areas of the hospital
- Prepared Journal Club presentations and participated in topic discussions daily including BLS, ACLS, ACS, RSI
- Participated in code triage internal and learned about the emergency response process in the hospital
- Prepared an antibiotic lock by obtaining necessary information, performing calculations and mixing the necessary ingredients
- Educated the nurse and pharmacy technician on proper storage and administration techniques
- Practiced BLS and ACLS using training equipment and participated in mock codes
- Attended P&T meetings, medication safety meetings and critical care meetings
- Participated in weekly EPIC meetings to discuss current issues that need to be resolved such as IV concentrations standardization in all PRIME hospitals, order set modification, etc.
- Attended a training session for Resuscitation Quality Improvement by the American Heart Association to master high-quality CPR

Community Medical Center

September 2017 - October 2017

Acute Care APPE IV

Preceptor: Dr. Jesse Sullivan, PharmD, BCPS, BCCCP

- Rounded and made interventions in the MICU and SICU on a daily basis
- Consulted with the intensivist and other members of the interdisciplinary team to optimize patient therapy by implementing PAD guidelines
- Recommended ICU management clinical interventions such as DVT prophylaxis, stress ulcer prophylaxis and glucose control
- Assessed disease- drug interactions, drug-drug interactions, renal adjustments as well as adherence to protocols such as CIWA and Sepsis on a daily basis
- Participated in rapid response teams and codes in all areas of the hospital
- Prepared presentations on several acute disease complications including: ARDS, electrolyte imbalances, liver failure, reversal of anticoagulants, and bridging therapy for warfarin

Walmart Pharmacy**July 2017 - August 2017**

Community Pharmacy APPE III

Preceptor: Dr. Kunjesh Patel, PharmD

- Participated in the complete medication receiving and dispensing process
- Consulted with physicians and patients with regard to medication dosage, drug interactions, medical equipment, disease management and potential side-effects of prescription and OTC medications
- Organized influenza vaccine promotion events by creating flyers, patient counseling and screening patients for vaccine eligibility

Medical Home Pharmacy**June 2017 - July 2017**

Transitions of Care APPE II

Preceptor: Dr. Soltan Cangoz, PharmD

- Consulted with physicians and patients with regard to medication dosage, drug interactions, medical equipment, disease management and potential side-effects of prescription and OTC medications
- Reviewed patients' profiles for possible polypharmacy
- Participated in nursing home events such as blood pressure screenings and diabetic foot exams
- Assessed patient's charts for compliance with Beer's Criteria

Zufall Health Center**May 2017 - June 2017**

Ambulatory Care APPE I

Preceptor: Dr. Elif Ozdener, PharmD, BCACP, CDE

- Reviewed medical charts and assessed patients' medication needs
- Consulted with physicians and patients with regard to medication dosage, drug interactions, medical equipment, disease management and potential side effects of prescription medications
- Attended infectious disease rounds with interdisciplinary teams
- Designed treatment plans for newly diagnosed diabetic and HIV patients
- Managed patients on long-term anticoagulation therapy to maintain target INR
- Counseled diabetic patients on proper nutrition and MyPlate method

INTRODUCTORY PHARMACY PRACTICE EXPERIENCES**Saint Joseph Medical Center****June 2016 - July 2016**

Institutional IPPE II

Preceptor: Mitch Sobel, BS Pharm, MAS, FASHP.

Walmart Pharmacy**May 2015 - June 2015**

Community Pharmacy IPPE I

Preceptor: Dr. Kunjesh Patel, Pharm D.

PUBLICATIONS / RESEARCH

- **Pharmacist Prescribing: A Review of Current Regulations.** Hanna M, Kalabalik J, Slugocki M. 2017. Pending Publication in the New Jersey Journal of Pharmacy.
- **New Drug Update: Defitelio® (Defibrotide) for Hepatic Venooocclusive Disease.** Hanna M, Kalabalik J. 2017. New Jersey Journal of Pharmacy, 91(3) 8-9.
- **Dietary Selenium and Selenoprotein Function.** Weeks BS, Hanna MS, Cooperstein D. Med Sci Monit. 2012 Aug; 18(8). RA 127-132. Review.

- **Dietary and Botanical Anxiolytics.** Alramadhan E, Hanna MS, Hanna MS, Goldstein TA, Avila SM, Weeks BS. Med Sci Monit. 2012 Aug; 18(8). RA 40-8. Review.

CLINICAL PRESENTATIONS

- **Hypoglycemia Management** November 2018
Hospital wide nursing in service
- **Hyperglycemia Management** November 2018
Hospital wide nursing in service
- **Basic Antibiotics in the ICU** October 2018
Hospital wide nursing in service
- **Hiatt W, Fowkes F, Patel M, et al. Ticagrelor versus Clopidogrel in Symptomatic Peripheral Artery Disease. The New England Journal of Medicine [serial online]. January 5, 2017;376(1):32-40.** October 2017
Journal Club Presentation to clinical pharmacists and pharmacy students.
- **Acute Respiratory Distress Syndrome** September 2017
Topic Discussion Presentation to clinical pharmacist and pharmacy students.
- **Liver Cirrhosis and Associated Complications** September 2017
Patient Case Presentation to clinical pharmacists, pharmacy residents and pharmacy students.
- **Louzon P, Jennings H, Ali M, Kraisinger M. Impact of Pharmacist Management of Pain, Agitation, and Delirium in the Intensive Care Unit Though Participation in Multidisciplinary Bundle Rounds. American Journal of Health-System Pharmacy: AJHP: Official Journal of the American Society of Health System Pharmacists [serial online]. February 15, 2017; 74(4):253-262.** September 2017
Journal Club Presentation to clinical pharmacists, pharmacy residents and pharmacy students.
- **Electrolyte Imbalances: Sodium, Potassium, Calcium and Magnesium** September 2017
Topic Discussion Presentation to clinical pharmacist.
- **Syphilis** June 2017
Patient Case Presentation clinical pharmacist and pharmacy students.
- **Defitelio® (Defibrotide) for Hepatic Venooclusive Disease** April 2017
New Drug Update Presentation to pharmacy students.

PROFESSIONAL ORGANIZATIONS

- American Society of Health-System Pharmacists (ASHP) 2016 - Present
- The Egyptian American Medical Society (EAMS) 2016 - Present
- New Jersey Society of Health-System Pharmacists (NJSHP) 2014 - Present
- New Jersey Pharmacists Association (NJPhA) 2014 - Present
- American Pharmacists Association (APhA) 2014 - Present