**Christopher Thomas Jacob, M.D., M.S.**

215 Walnut St, Pittsburgh, PA 15238

Christopher.jacob@gmail.com

469-688-1993

**EDUCATION**

**Chamberlain University,** Chicago, IL 2021-2022

* Master of Public Health

**Ross University School of Medicine**, Dominica 2012-2020

* *Doctor of Medicine*

**University of Texas at Dallas**, Richardson, TX 2007-2009

* *Master of Science, Biotechnology*

**University of Texas at Dallas**, Richardson, TX 2002-2007

* *Bachelor of Arts, Biology*

**WORK EXPERIENCE**

**UPMC** **Children’s Hospital of Pittsburgh**, Pittsburgh, PA 2019-Present*Certified Pharmacy Technician (CPhT)*

* Prompt calculation of dosages with proper compounding if necessary
* Performance of aseptic technique for IV medications and compounding
* Maintain stock of various vasoactive syringes for immediate use
* Refill AcuDose machines and anesthesia drug boxes

**Walgreen’s Pharmacy**, Pittsburgh, PA 2019-2021

* Dispense medications
* Prepare prescription labels
* Fill prescriptions for approval by pharmacists
* Research and resolve dosage conflicts, potentially harmful drug interactions, insurance issues, and other matters in a timely manner to avoid delays in therapy and ensure patient safety
* Assist with inventory management including verification of quantities, storage, removal of outdated medications, and restocking pharmaceuticals in short supply

**Walgreen’s Pharmacy**, Muncie, IN 2016-2019 *Certified Pharmacy Technician (CPhT)*

**United Surgical Partners, Inc., North Central Surgical Center; Baylor Medical Center,** Dallas, TX 2010-2012

*Certified Pharmacy Technician (CPhT)*

* Dispensed narcotics to Anesthesiologists while in operating room satellite pharmacy
* Refilled Pyxis, anesthesia drug boxes, and stock in ORs, PACU, pre-op holding, and post-surgical units
* Attained knowledgeable of medication management software and Pyxis automated dispensing systems
* Designed Pyxis Medstation 4000 ensuring optimal layout to help avoid medication errors
* Customized drug utilization reviews to ensure efficient reporting
* Launched Pyxis/Medics Drug Database, an electronic pharmacy order entry system, to reflect the unique inventory of a surgical center
* Compiled physician order sets allowing pharmacy to order entry quickly and efficiently

**TEXAS HEALTH PRESBYTERIAN HOSPITAL-DALLAS**, Dallas, TX 2001-2012 *Certified Pharmacy Technician (CPhT)*

* **Received “top-performer” peak annual evaluation**
* Demonstrated quality assurance in IV room, including compiling protocols to help avoid errors
* Trained new employees technical and pertinent duties within IV room
* Certified in both IV and Chemotherapy IV Compounding
* Conducted in-service presentations for operating room staff as necessary
* Completed education assignments appropriately and in timely manner
* Established guidelines to replenish traveling Medical Emergency Tray Carts after a code
* Responded to codes with Medical Emergency Team to draw up life-saving drips and boluses required at these critical and stressful times
* Explored complications with pharmacy automation technologies resulting in fewer delays in patient care
* Designed methods with Insourcing/Outsourcing Task Force Team to evaluate cost-benefit strategies

**LICENSURE AND CERTIFICATIONS**

NPI 1750878823

ECFMG Certification Issued 12/2020

Basic Life Support (BLS) Certification Inactive

Advanced Cardiovascular Life Support (ACLS Certification) Inactive

Pediatric Advanced Life Support (PALS) Inactive

USMLE STEP 1 Passed – Score 226

USMLE STEP 2 CS Passed

USMLE STEP 2 CK Passed – Score 217

USMLE Step 3 Pending

**PROFESSIONAL AFFILIATIONS AND RESEARCH**

**Publication**, Palkar V, V. Patel, **C. Jacob**, S. Paul, J. Andrade. 2016. The Impact of Disinfectant Cap Implementation on Central Line—Associated Bloodstream Infections. *Infectious Diseases*, 48(8): 646-648

American College of Surgeons (ACS) 2013-Present

American Society of Anesthesiologists 2014-Present

* **Poster presentation**, ASA 2020, Washington, D.C., October 02, 2020

*Tailored Fluid Interventions During Sepsis/Septic Shock and ALI/ARDS Key to Supporting Body’s Physiological Needs During Phases of Critical Illnesses and Preventing Adverse Outcomes*

* **Poster Presentation**, ASA 2020, Washington, D.C., October 02, 2020. *Non-thermogenic Postoperative Shivering*

**INTERESTS**

Spending time with my children, cooking, traveling, scuba diving, sports, and playing piano