

## The Residency Program

- The program started in 1964! The 50<sup>th</sup> anniversary milestone was celebrated in April, 2015.
- The program has received full six-year accreditation status from the Canadian Hospital Pharmacy Residency Board.
- Since 1989, many of our graduates have stayed on staff in the department for some period of time. The current Director of the Pharmacy Department is a former St. Mikes residency grad!
- The program has evolved over time to better address needs of incoming residents. Examples include creation of foundations I, foundations II, teaching and leadership rotations. Recent clinical elective rotations offered include Cardiology, Nephrology, HIV, Infectious Diseases/Antimicrobial Stewardship, Critical Care and Family Health Team.
- The resident has multiple opportunities to develop and fine tune presentation skills during therapeutic presentations and journal club.
- Residents have presented their projects at national conferences in Canada and the US.

## The Pharmacy Department

- The department has a total staff of approximately 120. Of these, 50+ are clinical pharmacists or specialists.
- Our pharmacists are actively involved in teaching and research at the local and international level. They have received numerous awards in recognition of their achievements. Recently our staff members have received the following awards: the Health Disciplines Education Excellence Award and Scholarship Award, Professor of the Year at U of T, Preceptor of the Year (APPE/EPE), various CSHP awards. In 2012, our pharmacy department was recognized at a corporate level by receiving the Excellence Award.
- **Direct Patient Care** Our pharmacists are fully integrated members of the patient care team, working to optimize patient care by identifying, preventing and resolving drug related problems. We provide care for both inpatients and outpatients.
- **Education** Our pharmacists provide education to health care teams of medical residents, nurses, dietitians, physiotherapists and students through presentations, physician rounds, one-on-one teaching sessions and experiential teaching.
- **Drug Distribution** The pharmacy department operates 24/7 and distributes medications for admitted patients using individually labeled and barcoded “unit dose” 24-hour supplies of medication. We also prepare medications that require compounding under aseptic conditions to maintain their sterility, including chemotherapy, intravenous nutrition, and other specialty medications. We support an electronic barcode enabled medication administration system at the patient care level.
- **Drug Information Services** In collaboration with physicians, nurses and pharmacists, drug information pharmacists develop tools to promote best practices in protocols and guidelines for drug use, drug formulary, drug utilization reviews and our quarterly drug information bulletin.
- **Prescription Centre** Our Prescription Care Centre is a retail pharmacy open to outpatients, visitors, staff and the general public. We provide medication counselling, education, and management.

- There are eight clinical pharmacy specialists in leadership positions in the areas of Cardiology, Critical Care, Diabetes/Nephrology/Education, Drug Information, Antimicrobials/Infectious Diseases, Professional Practice, and Research. There are five Clinical Pharmacy Practitioners in program leadership positions in Family Medicine, HIV/Infectious Diseases and Oncology.
- There are two satellite pharmacies – Critical Care and OR.
- Unique clinical pharmacy services include areas such as OR, Pre-Admission, Cardiac Rehabilitation, TPN, HIV/Hepatitis, Cystic Fibrosis, Psychiatry, and Emergency Department.
- Pharmacists are involved in undergraduate and postgraduate academic teaching.

### **The Hospital - St. Michael's Hospital**

- Founded by the Sisters of St. Joseph in 1892, the hospital began with 26 beds, six doctors and five graduate nurses. It currently operates approximately 417 patient beds, many ambulatory clinics, and employs a staff of approximately 5,000. In 2017, St. Michael's united with Providence Healthcare and St. Joseph's Health Centre to form a single health network.
- The partnership with the University of Toronto has produced the Li Ka Shing Knowledge Institute and Keenan Research Centre, where internationally recognized scientists explore treatment and prevention of diseases and their application to patient care.
- Clinical activities are divided into six major programs including:
  - Cardiorespiratory** – full service cardiology program from interventional to cardiac surgeries (invasive and non invasive) as well as innovative electrophysiology services; largest adult Cystic fibrosis program and specialty practices such as HHT
  - Medicine and Emergency** – designated downtown Trauma center as well as many unique medical specialties such as high risk endoscopy, and largest MS center in Canada
  - Kidney and Metabolism** – all forms of dialysis (home, peritoneal, hemo) along with 2 satellite centers and numerous endocrine specialties
  - Mental Health** – specializes in both Addictions medicine and care for patients experiencing disadvantage
  - Academic Family Health Teams** – large multi-site primary care centres serving downtown Toronto
  - Surgery and Critical Care** – large variety of surgeries in multiple specialties with innovative techniques; world renowned Critical care units and leading researchers in mechanical ventilation; AACN Beacon award GOLD status MSICU (only one in Canada) and Silver status TNICU