

Who We Are

- Unity Health Toronto is one of Canada's largest Catholic healthcare networks
- Established over 130 years ago by the Sisters of St. Joseph
- Unity Health serves patients and residents across the full spectrum of care
- Invests in world-class research and education
- Over 11,000 staff across three sites

We are comprised of:

St. Joseph's Health Centre

- Catholic community teaching hospital affiliated with the University of Toronto
- First hospital to open an intensive care unit in Toronto in 1962
- Serving the healthcare needs of southwest Toronto for over 100 years
- Over 400 inpatient beds

St. Michael's Hospital

- Established in 1892 by the Sisters of St. Joseph
- Catholic acute care research and teaching hospital fully affiliated with the University of Toronto
- Downtown Toronto's adult trauma centre
- Over 6,000 staff and 800 medical staff
- About 75,000 emergency & 500,000 ambulatory visits annually
- 460 inpatient beds
- Almost 4,000 students annually
- HIMMS level 6

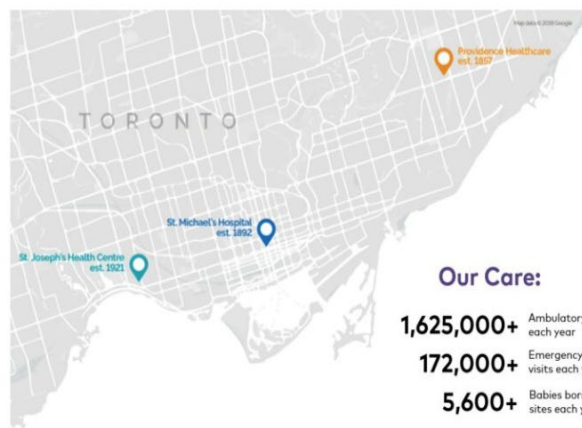
Our Values



Providence Healthcare

- Leader in rehabilitation, palliative care, long-term care and community programs in east Toronto
- 245 beds and long-term care program is home to 288 residents

By the Numbers (April 1, 2021 to March 31, 2022)



Our People:

11,271 Staff
5,773 Medical trainees and health professional learners
1,503 Physicians
1,195 Researchers, scientists, research staff and students

Our Care:

1,625,000+ Ambulatory visits each year
172,000+ Emergency Department visits each year
5,600+ Babies born at our sites each year
357,000+ Inpatient visits each year
54,341 Family Health Team patients rostered
1,423 Total beds across our sites

St. Michael's Hospital Pharmacy Department at a glance...

- Well-established department with over 120 staff members
- Fully accredited by the Ontario College of Pharmacists
- Direct patient care & clinical services: Inpatient areas, ambulatory clinics & Family Health Teams
- Prescription Care Centre retail pharmacy
- Comprehensive operations and support services to meet complex tertiary/quaternary patient care needs
- Order validation for Computerized Prescriber Order Entry
- Ongoing quality improvement and initiatives in medication safety
- Independent and collaborative funded and non-funded research and clinical trials

Education

- Longest-running Pharmacy Practice Residency Program in Ontario (over 50 years)
- 500+ weeks of experiential teaching annually
 - University of Toronto, Pharmacy early and advanced practice, EPE & APPE
 - University of Waterloo Pharmacy Co-op students
 - Medical trainees (HIV specialty training)
- Lecture / Case Studies / Labs / Marking / Course Coordination
- Paid summer Studentship's
- Clinical and Educational Observerships
- Non-pharmacy teaching (medical, nursing, other health disciplines)

Leading innovation

- Robot Unit Dose Distribution
- Automated Dispensing Cabinets (2018)
- Electronic Clinical Documentation
- Closed loop Medication System
 - Computerized Provider Order Entry (CPOE)
 - Bar-coded medication administration records
- Standardization of Pharmacists' Clinical Activity (evidence-based approach)
 - Medication reconciliation, Transfer of Accountability, Rounds, Patient Prioritization
- Communities of Practice
- Safety Rounds

Research projects and grants

- Funded and Non-funded Research Projects
 - Artificial intelligence projects predicting IV to oral antibiotic conversion; warfarin dosing
- Dedicated Pharmacy Specialist for pharmacy research / REB member
- Experienced researcher in Scientist role
- Publications, External Presentations
- Residency Projects
 - Posters presented at conferences (e.g. Canadian Society of Hospital Pharmacists, American College of Clinical Pharmacy, specialty conferences)
 - Several have been recognized with external awards

Pharmacy Achievements

- St. Michael's Values in Action: Excellence (2012, 2017), Social Responsibility (2015, 2017), and Compassion (2017)
- Individual & Team Awards
 - UFT Faculty of Medicine Dean A. L. Chute Award**
 - UFT Faculty of Medicine (Department of Psychiatry) Abraham Miller Undergraduate Teaching Award*
 - FitzGerald Academy Outstanding Clerkship Teacher Award
 - FitzGerald Friends of the Academy (multiple)
 - CSHP Ontario Branch Mentorship Award
 - UFT Faculty of Pharmacy Professor (multiple)
 - St. Michael's Health Disciplines awards (multiple): Education Excellence, Clinical Excellence, Scholarship, Interprofessional Collaboration

St. Joseph's Health Centre (SJHC) Pharmacy Department at a glance...

- Well established department with over 90 staff members
- Fully accredited by the Ontario College of Pharmacists
- Clinical Pharmacy Services in various areas: Medicine, Surgery, Nephrology, Oncology, Pediatrics and Neonatal Care, Psychiatry, Anticoagulation and Antimicrobial Stewardship
- Expanded scope of practice for Pharmacy Technicians
- Multiple quality improvement projects ongoing

SJHC inpatient pharmacists



Clinical roles

- The Pharmacy provides a safe and effective medication system within the Health Centre
- Pharmacists, pharmacy technicians and support staff provide range of pharmaceutical services
 - Unit-dose drug distribution
 - Centralized intravenous admixture
 - Chemotherapy preparation
- Clinical pharmacists collaborate with the inter-professional health care team to optimize medication outcomes for patients and staff



Pharmacy & Therapeutics Committee

- Serves as official organizational liaison between medical staff and the pharmacy department
- P&T Committee plays both an advisory and an educational role within hospital
- Assist in formulating policies and developing educational programs on matters relating to the evaluation, selection and use of pharmacological products



Antimicrobial Stewardship Program (ASP)

- Aims to optimize antimicrobial use at SJHC
- ASP pharmacists work closely with other healthcare professionals to ensure the most appropriate antibiotics use & duration of therapy
- Audit and provide feedback / interventions across the hospital
- Review and develop guidelines / order sets which are widely used by prescribers



Inter-professional education

- Clinical pharmacists are actively involved in teaching inter/intra-professionally
 - Preceptors to students from University of Toronto and University of Waterloo
 - Teach by reviewing medical conditions, therapy options, new drug submissions, most updated guidelines etc.
- Hold in-service seminars and lectures on various drug topics for nurses, residents, students and other healthcare professionals



Providence Healthcare (PHC) Pharmacy Department at a glance...

- Well-established department with over 30 staff members
- Fully accredited by the Ontario College of Pharmacists
- Direct patient care and clinical services: inpatient areas, ambulatory clinics
- Outpatient retail pharmacy
- Operations and support services (unit dose drug distribution, medication bar coding, segregated IV admixture site)
- Ongoing quality improvement and initiatives in medication safety

Pharmacy Services

Clinical services

- Med Rec on admission and discharge performed by pharmacists on admission, at transfer and discharge – weekdays and weekends
- Pharmacist support physicians in VTE Risk Assessment and Prophylaxis via a VTE Prophylaxis Order Set
- Pharmacist support physicians in Insulin dosing using a Basal Bolus / Correctional Insulin model via an Insulin Order Set
- Pharmacotherapy monitoring, consultation, interventions, counseling, drug information
- Warfarin dosing under a medical directive
- Pharmacist smoking cessation (consult)
- Self-Medication Program, counseling
- Antibiotic stewardship, etc.

Drug distribution

- Paper based charts with centralized order entry in Meditech
- Unit dose system dispensing interim doses and a cart fill for refills
- Segregated Sserile preparation site with limited IV antibiotics

Drug information resources – Lexicomp

On call – after hours availability

PROGRAM MISSION

To provide an experiential learning environment using practitioner role models so that the necessary skills, knowledge, and attitudes required to be a hospital pharmacist can be acquired and applied by the resident in the provision of exemplary patient care.

To develop competent and progressive hospital pharmacy practitioners and encourage future leaders for the profession.

PROGRAM FACTS

- Program started in 1964
- Since 1989, most of our graduates have stayed on as staff for some period of time
- Accredited for 6 years in 2020
- Resident-centered program
 - Balances personalized attention with shared / collaborative learning opportunities
 - Focused attention and dedication to residents' needs and progress
 - Frequent formal assessments (written and verbal)

When you have challenges, we are there to help you overcome and develop.

When you excel, we are there to help elevate you to higher levels.

Sample Schedule (*actual rotation areas will vary year-to-year)	
Foundations I Integrated exposure to medication systems with the resident being fully trained on pharmacy and clinical computer systems.	8 weeks
Project Time	2 weeks
Foundations II – Part 1 Extended exposure in single clinical area. - learning clinical therapeutics & pharmaceutical care processes - acting as clinical pharmacist	8 weeks
Clinical Elective Rotation 1*	4 weeks
Project Time	4 weeks
Surgical Selective	4 weeks
Administration (longitudinal)	4 weeks
Clinical Elective Rotation 2*	4 weeks
Clinical Elective Rotation 3*	4 weeks
Project Time	4 weeks
Foundations II Part 2 (Consolidation)	4 weeks
TOTAL (+ 2 weeks vacation)	52 weeks

ROTATION SELECTIONS		
Mandatory Rotations	*Clinical Electives (sample list)	
Administration	Ambulatory Care	General Medicine
Foundations I	Cardiology	HIV Clinic
Foundations II	Critical Care	Infectious Diseases /
Surgical Selective	Family Health Team	Antimicrobial Stewardship
Project		Respirology / Cystic Fibrosis
Teaching (longitudinal)		